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1955 CATALOG

# Orchids

*Direct from Hawaii...Nature's Greenhouse*

WM. KIRCH-ORCHIDS, LTD.  
HONOLULU, HAWAII

KAUAI

OAHU

MOLOKAI

MAUI

HAWAII

TITLE PAGE ILLUSTRATION ——————

Hawaiian Dendrobium Hybrids are the subject for the first full-color illustration to appear in any of our catalogs. The 28 blossoms pictured here were not selected as examples of perfect flowers but, rather, to demonstrate in some degree the great variety of color and shape in which these interesting and hardy hybrids come. The illustration is approximately one-third the size of the actual flowers. Our Dendrobium Hybrids are listed as numbers 253 to 636 inclusive in the present catalog.

# *Orchids -* Direct From Nature's Greenhouse Hawaii — Land of Flowers

We are pleased to present to you, this, our third illustrated catalogue. We have tried to make the listings attractive, understandable, and of value from a cultural standpoint.

Except where otherwise specified the figures which precede price quotations are in terms of pot sizes. Where the term log is used, it means an established plant growing on a section of Hawaiian tree fern.

All plants are quoted air parcel post prepaid or air freight prepaid anywhere in the United States. All foreign orders will have the calculated cost of shipment to any point in the United States prepaid on the air freight charges. The difference will be collected on arrival by the airline or carrier. See the inside back cover of this catalogue for discounts and other instructions for ordering.

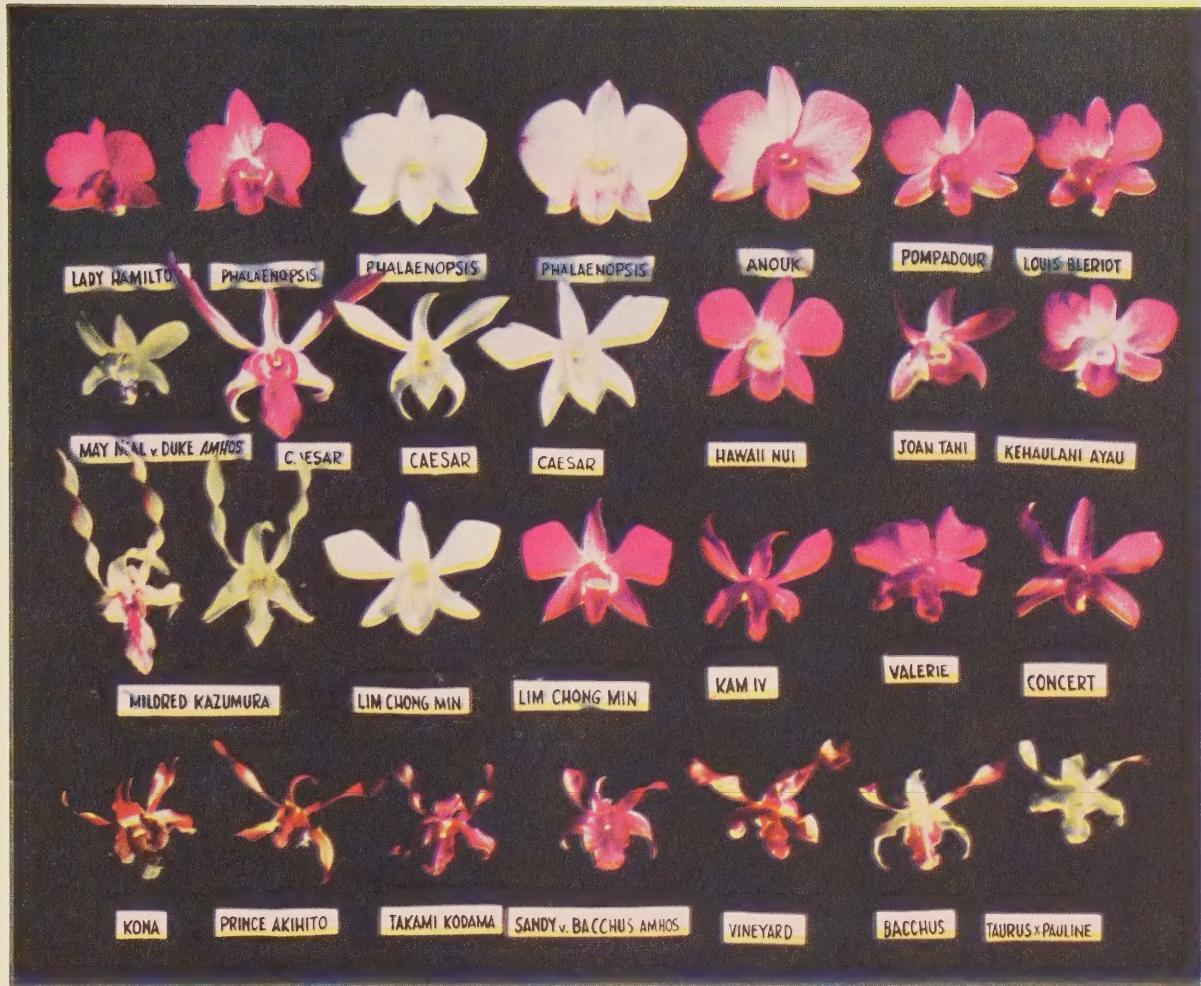
All orders are serviced promptly. We try to ship within three days after receipt of an order. Many customers find it a source of much amazement to realize that an order placed with us is often serviced faster than one placed with a nurseryman in their own postal zone. We can and do deliver plants safely to any part of the world. We absolutely guarantee satisfaction on a money back policy if not satisfied.

Prices quoted are cash with order. We do not ship C.O.D.

## *Wm. Kirch - Orchids, Ltd.*

732 KAPAHULU AVE. • HONOLULU 16, HAWAII

Owned and Operated by Seven of Hawaii's Leading Orchid Nurseries  
Hawaii's Largest Shippers of Quality Orchid Plants



1955 CATALOG

# Orchids

*Direct from Hawaii: Nature's Greenhouse*

WM. KIRCH-ORCHIDS, LTD.

# Time for that Talk About!

Last year we inaugurated what we called a *Talk About*—a chance for me to talk to all of you at once so to speak. It is one of the most pleasant tasks I have.

We are certainly growing, and for that we offer our sincere thanks to you, our valued customers. Our volume of sales has tripled in three years, indicating that you like our service and our plants. The statement I made last year is still our motto—*Broaden our Smile while Increasing our Speed of Service*. If in any way we can make our service to you more efficient or pleasant, we would welcome your suggestions. Please write!

The big news this year is our new price policy. Having accumulated enough records to provide a fair basis, we have been able to determine a postpaid price for all of our customers in the United States. Prices quoted this year are the actual costs right to your door if you live in the United States. We have not been able to set a pattern for doing this on a world-wide basis. Distances are too variable, with resultant varying costs of transportation. However, the pre-determined carriage charge which is included in our quoted price—amounting usually to about 10 to 15 percent of the listed price—will be prepaid by us on all shipments to points outside of the United States, and only the balance of the carriage charge will be collected by the airline on arrival. Thus, our quoted prices are equal to all. We know that you will appreciate this new policy.

We have also been able to make some substantial price adjustments this year. We have always said our policy is to give you the best buy possible providing we can still make a legitimate profit. Our increased stock, improved growing techniques and general management advances have resulted in these favorable reductions to you. In many instances you can now get a plant

at a 10 to 15 percent discount on last year's prices. We pledge our continued efforts in this direction.

I extend to all of you a cordial invitation to write about your orchid-growing problems. We do not claim to know all the answers but we certainly will do our best. We are always happy to make suggestions as to suitable varieties to grow if you will tell us your conditions.

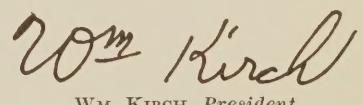
We have deleted all community pots from this year's catalog. Past experience has taught us that it is impossible to keep seedlings in this size and in good condition for such a long period. We will issue three or four separate lists during the year on seedlings of this size. The first will go out with this catalog. If you wish to get the other issues, please so inform us.

To those of you who have not as yet tried our service or our plants, all I ask is the chance for a trial order. We know you will be pleased.

I cannot stress often enough our policy of *Satisfaction Guaranteed!* We mean every word of it. We are human and do make mistakes, so if anything ever goes wrong with a shipment all you need do is write us. We won't argue the point. We don't believe in it. We accept full responsibility for all actions until the plants are safely in your hands. Give us the chance to correct any mistakes made.

Again, we all sincerely thank you for your wonderful patronage. You may be assured we will strive to keep it.

Aloha,



W.M. KIRCH, President



No. 23—*Angraecum Veitchii*

## LISTING OF STOCK

### ACAMPE

Epiphytes similar in growth to Vandas. Easily grown in warm section or tropical gardens. Flowers last well and the handsome strap leaf foliage makes them grand plants.

1—*Longifolia (Burma)*—Yellow, barred red. Season, late fall.  $8"$  17.50

### ACANTHOPHIPIUM

Terrestrial orchids closely allied to Phaius and should hybridize with them. Beautiful foliage. Fine garden plants.

2—*Unidentified species (New Guinea)*—Large bifoliate green leaves; pinkish white flowers. Very rare and the first time offered in commerce.  $5"$  10.00

### AERIDES

A most handsome genus. Erect stems, strap leaf foliage. Plants grow well in pots or baskets. Pot as for Vanda. Intermediate to warm house; 50% shade when grown outside.

3—*Falcatum (Burma)*—Summer. 12-18" spikes; creamy white, crimson tipped.  $7-8"$  15.00

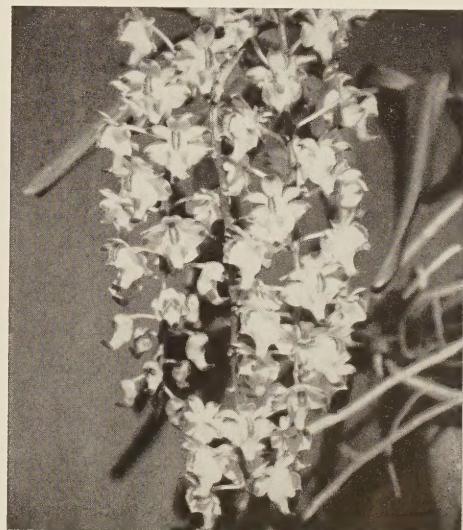
4—*Lawrenciae (Mindanao)*—Autumn. One of the finest in the genus. Large cream-white flowers, tipped magenta.  $4"$  12.50

5—*Odoratum (Cochin China)*—Early Summer. Many flowered racemes. Creamy white, shaded pale magenta. Fragrant, tolerant of cool temperature.  $7-8"$  12.50

6—*Japonicum (Japan)*—Dwarf habit; a cute miniature plant. Flowers fragrant; white with red lip purple ridge and spots. A real gem.  $4"$  10.00

7—*Quinquevulnerum (Philippines)*—July and August. Exceptionally free flowering. White tipped rosy purple.  $6-7"$  15.00

8—*Jarkianum (Philippines)*—Summer. Deep purple red. Flowers small, many on a spike. Most attractive.  $6-7"$  15.00



No. 4—*Aerides Lawrenciae*

## AERIDES (Cont'd)

9—**Hermon Slade (Lawrenciae x Fieldingii)**—One of our new hybrids and vastly superior to any species we have seen. Season variable. Flowers like Lawrenciae but of rich purple-red color. A marvelous pot plant. **7-8" 20.00**

## AERIDOVANDA

Hybrids between Aerides and Vanda. Culture the same as for Vandas.

10—**Mundayi (A. Vandarum x V. Teres Alba)**—Terete growth; pale pink fading to white. **12-18" stem cuttings 3.50**

11—**Tsuruko Iwasaki (V. Sanderiana x A. Lawrenciae)**—One of the best; white with pink spotting; spatulate growth. **4" 12.50** **5" 17.50**

12—**Emma Gomez (AV. Mundayi x V. Teres Andersonii)**—Large dark pink; free flowering; terete growth. **Flowering size 12.50**

13—**REN. Monachica x A. Crassifolium**—A new generic combination. Should produce large sprays of flowers on dwarf plants; color orange-pink. Spatulate growth. **1½" 1.75** **2" 3.50**

14—**V. Tatzeri x A. Crassifolium**—A fine new Aeridovanda. Large rose-pink flowers; spatulate growth. **1½" 1.75** **2" 3.50** **4" 10.00**

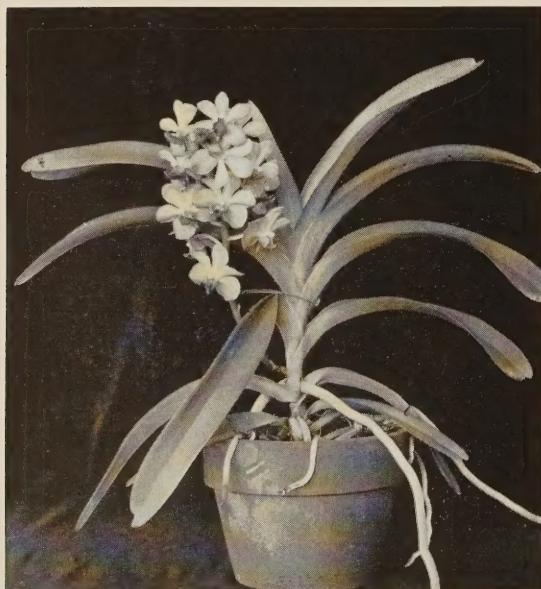
15—**V. Ellen Noa x A. Quinquevulnatum**—Very lovely. Grape purple to pink. Semi-dwarf plants. **5" 15.00** **7" 20.00**

16—**A. Crassifolium x V. Cooperii**—Terete foliage; large flower; lavender color. **8-12" stem cuttings ea. 7.50**

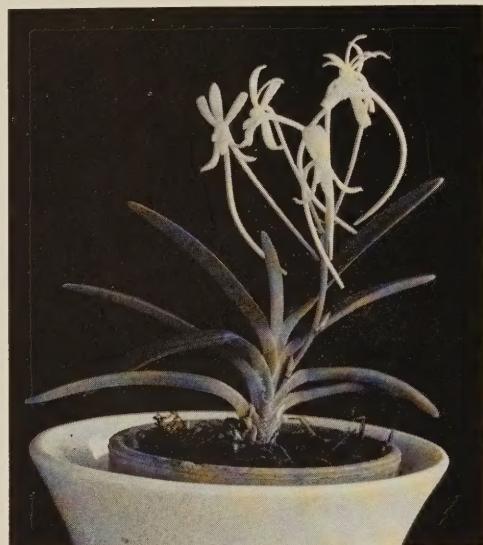
17—**Lipstick (V. Gilbert Triboulet x A. Crassifolium)**—Spatulate growth. Deep color, blue to lavender-pink. **3" 6.00**

18—**A. Lawrenciae x REN. Storiei**—A new combination that should be spectacular. Bright red flowers; long spikes. **3" 7.00**

19—**V. Flammerolle x A. Quenquevulnatum**—Should produce large flowers blue to pink; long spikes. **3" 7.00** **4" 10.00**



No. 15—*V. Ellen Noa x A. Quinquevulnatum*



No. 21—*Angraecum Falcatum*

## ANGRAECUM

A beautiful Vandaceous genus from Africa and Japan. Flowers like a star shaped Vanda with a long spur. Culture as for Aerides or Vandas.

20—**Eburneum (Mascarene Islands)**—Long spikes of star shaped green and white flowers. A handsome specimen. Summer and fall. **5" 12.50** **7" 20.00**

21—**Falcatum (Japan)**—One of the loveliest miniature plants known. Pure white, fragrant flowers. Flowers 3-5 on short spikes. Summer. **3" 8.50**

22—**Sesquipedale (Madagascar)**—Spring. Large 6" flowers. Ivory white with an 8-12" spur on the lip. Considered one of the finest species in the orchid family. **5" 15.00** **6-7" 25.00**

23—**Veitchii (Sesquipedale x Eburneum)**—When full grown a magnificent specimen. Long spikes of flowers like sesquipedale, more numerous but smaller in size; green white. Fall. **4" 15.00**

## ARACHNANTHE

A Vandaceous genus from India and Asia. The flowers resemble a giant insect; is called the Scorpion Orchid. Grows best in the warm house or in full sun in tropical gardens. Likes to trail on a fence or trellis.

24—**Flos-Aeris**—The brown Scorpion. Large flowers; heavy texture, long lasting; red-brown color. **6-7" 15.00**

25—**Moschifera**—Dark green with chocolate markings. A strong musk scent when in flower. Very bizarre. **6-7" 15.00**

26—**V. Herziana x A. Moschifera**—A bi-generic hybrid of Vanda and Arachnanthe. Should produce a blue Scorpion. **3" 6.50**

27—**Aranthera Rainbow (A. Moschifera x REN. Storiei)**—Reds, purples, a rainbow of colors in the Scorpion shape. **3" 6.00** **4" 10.00**

28—**V. Mem. T. Iwasaki x A. Moschifera**—Shades of green to yellow with darker spotting. Scorpion shape. **6" 17.50** **7" 22.50**

No. 22—*Angraecum Sesquipedale*

29—*V. Ellen Noa x A. Moschifera*—Should produce a fine large flower; tan-red to yellow-brown. 1½" 1.75  
3" 6.00

30—*A. Moschifera x V. Insignis*—Deep red-brown of intense color. Exceptional texture and free flowering. 1½" 1.75  
2" 3.50

### BRASSAVOLA

Epiphytes closely allied to Cattleya and Laelia. Of easy culture. Grow as you would Cattleyas with increased light and less water.

31—*Digbyana (Honduras)*—April to May. Large solitary green-white flowers. Huge fringed lip. The most outstanding species and becoming very rare. The grandfather of most modern hybrid Brassos. 4" 17.50  
5" 22.50

32—*Nodosa (Central America)*—Autumn. Called "Lady of the Night." Lovely star white flowers; fragrant at night; terete foliage. Like lots of light.

Flowering size on logs 5.00

33—*Cordata (Jamaica)*—Early fall. Much like Nodosa with larger heads of smaller flowers; yellow-green in color. 3" 4.00  
4" 6.00

### HYBRID BRASSOS

We are particularly proud of this section. It consists of generic hybrids in various combinations of Brassavola, Cattleya, Laelia, and occasionally Sophronitis. They make outstanding display and show plants, having great size, wonderful colors, and a huge labellum. This stock is most complete.

34—*BC S. M. Damon (C. Mrs. E. Roebers x B. Digbyana)*—Lovely chartreuse and lemon yellow. Exceedingly large lip. 4" 17.50  
5" 25.00

No. 31—*Brassavola Digbyana*

35—*BLC J. K. Lilly x LC Sam Houston var. Brilliance*—Excellent potential. Both parents of superb quality. Lavender color; season variable.

2" 4.00

3" 7.50

4" 12.50

36—*BLC Kanoa (BC Montalvo x LC Waromas)*—Excellent shape, heavy texture; warm lavender color. Some very fine things have appeared in this cross. Fall and Winter.

3" 5.00  
4" 9.50  
5" 12.50

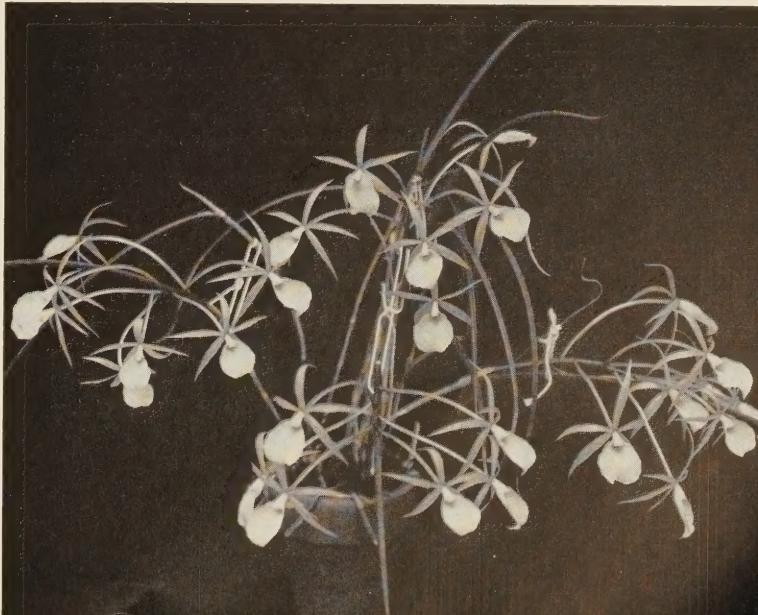
37—*BLC Helen Suda (BLC J. K. Lilly x BC. Hartland var. Courageous)*—Dark color, excellent shape. The best of these are blue ribbon stock. Winter and Spring.

3" 5.00  
4" 9.50  
5" 12.50

38—*BC Christmas Gold (BC Daffodil x C. Gregorio)*—A dwarf plant. Ivory white to intense orange, all with red lip. Heads of three to six flowers. Flowers 3-4". A distinct new novelty bred from B. Glauca.

4" 10.00

5" 15.00

No. 33—*Brassavola Cordata*



No. 34—Brassocattleya S. M. Damon

## HYBRID BRASSOS (Cont'd)

39—**C. Furnace var. Majestic x BC Diadem Lavender var.**—A very dark lavender of brilliant color, good size, and fine texture. 3" 6.00  
4" 10.00

40—**BC Diadem Alba (B. Digbyana x C. Eleanore)**—A very large white with a beautifully fringed lip. 5" 17.50

41—**BLC Nanette Alba (BLC Everest x C. Annette)**—Top selections from the original strain that we have propagated. No better stock can be found. Season variable. 5" 40.00

42—**BLC Nanette x Self**—A number of these have flowered. Equally good to the original strain. Some pure white; others touch of lavender in the lip. Very large. 2" 3.50  
3" 6.00

43—**BLC Nanette x C. Edithiae**—Pale pastel. Excellent shape, heavy texture, large size. Winter flowering. 3" 6.00  
4" 10.00

44—**BLC Blanche Okamoto (LC Canberra "Stonehurst" x Nanette Alba)**—Some wonderful things are flowering in this cross. Salmon to peach yellow to chartreuse. Excellent shape and texture. 4" 15.00

45—**BLC Palikea (C. Gladys Tsukamoto x BLC Nanette Alba)**—A variable cross, some pure white, others pastel. Good texture and shape. 4" 10.00

46—**C. Mescalero Alba x BLC Nanette Alba**—Large Brasso. White with a purple lip. Some forms pure white. Good shape. 3" 5.00

47—**BLC Mem. Thelma Yee (LC Locarno x BC Estelle)**—An exceptionally well shaped Brasso. Lavender, darker lip. 3" 6.00  
4" 10.00

48—**LC Aphrodite x BLC Llewellyn**—Deep red bronze lavender of heavy texture, large size. Some splashed petals. 4" 10.00

49—**BLC Estelle Hoshino (C. Estelle Alba x BLC Nanette Alba)**—Pale pastel to some pure white. Excellent shape. 3½" 10.00

50—**C. Enid Alba McBeans var. x BLC Nanette Alba**—A very fine cross. Some are nearly pure white, others with touch of lavender in the lip. Heavy texture. 3" 5.00  
4" 12.50  
6" 17.50

51—**C. Tityus x BC Goliath**—A very large Brasso of fine lavender color. 3" 4.50

52—**BC Appleblossom x LC Pagham**—Hard to predict. Appleblossom is just that color. Pagham a deep orange-yellow. Yellow to lavender bronze resulting. 4" 10.00

53—**BLC Lighthouse x LC Mygdon**—White to Ivory and Cream with dark purple lip. Very wide petals. 3" 6.00  
4" 10.00

54—**BC Costes x BLC Nanette Alba**—White to pale yellow with a purple lip. Exceptionally large. 3" 6.00

55—**BC Waikiki (C Enid x BC Liliokalani)**—A large lavender Brasso of fine texture. Excellent shape. 3" 6.00  
4" 12.50

56—**LC Gold Flake x BC Olina**—A deep yellow-orange crossed to a large white Brasso. Fine texture. 3" 6.00

57—**LC S. J. Bracey x BLC Nanette Alba**—Unusual colors; yellow, salmon, apricot. Good size, texture, and shape. 3" 6.00  
4" 12.50

58—**Potinara Kenneth C. Choy (BC Akehono x [LC Canada Ruth x SLC Ramona Anita])**—Deep red lavender. Good size, fine shape. 1½" 1.75

59—**BLC 49th State (LC Acapulco x BC Moneta)**—Medium lavender to dark in color. Very large flower. 3½" 5.00  
4" 7.50

60—**BC Juliette Cooke x LC Babylon A.M.R.H.S.**—A new hybrid of fine promise. Bright lavender sepals and petals with rich royal purple lip. 3" 7.00  
4" 12.50

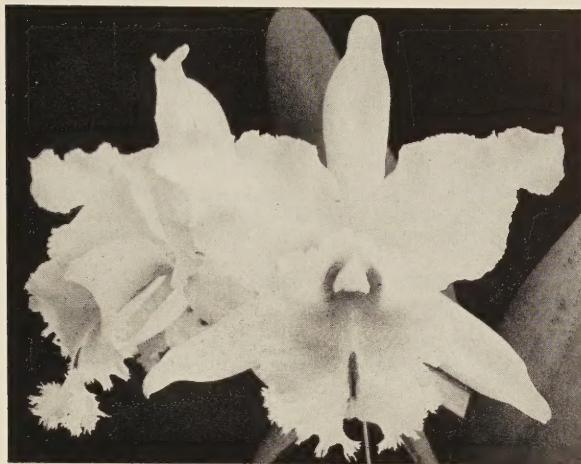
61—**BLC Dawn Angela x LC Cuesta**—Better parents would be hard to find. Both parents famous exhibition plants. Lavender with deep colored lip. 3" 7.00  
4" 12.50

62—**C. Hardyana Alba x BLC Nanette Alba**—The Hardyana parent is one of the most spectacular Albas we have seen. Raised in Hawaii as a self seedling from a selected plant, it is tops. Should produce a superb white colored lip Brasso. 3" 7.00  
4" 12.50

63—**BLC Takami Kodama (LC Lady May x BC Juliette Cooke)**—Named for the founder of one of our nurseries this is a very fine thing. Excellent shape; lavender color. 1½" 2.25  
2" 4.00  
3" 7.00



No. 36—Brassolaeliocattleya Kanoa

Nos. 41 and 42—*Brassolaeliocattleya Nanette Alba*

64—**SLC. Hermes-Ramona x BLC. J. K. Lilly**—The SLC. parent should add intense color; J. K. Lilly, shape. A happy combination.  
2" 4.00

65—**BLC Jaffre x LC Mrs. Medo.**—Deep butter yellow, heavy texture, dark red lip.  
1½" 2.25  
2" 4.00

66—**BC Princess Patricia F.C.C.R.H.S. x LC Balkis Superba**—Another powerful combination of famous parents. Lavender. Top quality exhibition type.  
1½" 2.25  
2" 4.00

67—**C. Trianae Mrs. Dixon x BLC Nanette Alba**—The Trianae is a proven parent giving its progeny exceptional shape. Crossed to Nanette, the result should be a fine white Brasso.  
1½" 2.25

68—**LC Pasto x BLC J. K. Lilly var. Ishii**—A very highly colored LC crossed with the finely shaped J. K. Lilly. Lavender color.  
1½" 1.75

69—**BC. Moneta (BC. Madam Charles Maron x C. Gaskelliana)**—A very large flower which we have used most successfully many times as a parent. Light pastel lavender.  
5" 17.50

70—**BC Appleblossom (BC Heatonensis x C. Alcimeda)**—A very large Brasso that is just the color described by its name. A most attractive flower.  
5" 17.50

71—**C. Prince Shimadzu x BC Heatherwood**—Cream colored sepals and petals, spotted with purple dark lavender lip. Good size and shape.  
5" 25.00

72—**C. Suzanne Hye Alba x BC Leemanae**—A very large flowered Brasso. Lavender with a huge fringed lip.  
5" 17.50

73—**(LC Walter Jewell x St. Gothard) x BLC Samoset**—Both parents fine yellows. Expect a deep yellow with a dark purple lip.  
1½" 2.25  
2" 4.00

74—**BC Dr. Wilmer (BC Dr. MacDonald x C. Prince Shimadzu)**—Lavender. Excellent shape and texture.  
5" 25.00

75—**BLC Wake Island var. The Queen x C. Tityus W'Birt var.**—An exceptionally fine exhibition type hybrid. Very heavy texture; good lavender color.  
5" 27.50

76—**BLC Chief Joseph x LC Myophelea**—Salmon yellow to bronze yellow. Very good texture; medium size.  
4" 15.00

77—**BLC Mary Damon (BLC Llewellyn x C. Triumphans)**—Chartreuse to yellow. Large size, big lip.  
4" 17.50  
5" 22.50

78—**BC Mrs. J. Leeman (B. Digbyana x C. Dowiana)**—An old-timer but still a great favorite. Primrose yellow with large fringed lip. Free flowering.  
5" 12.50

79—**BC Gladys Boyd (BC Akebono x C. Roehrsiana)**—Very large flower with fine texture. Rich lavender color.  
5" 20.00

80—**BC Pervenusta "White" x C. Estelle Alba**—Both parents excellent whites. A good gamble for a fine new white Brasso.  
3" 7.00  
4" 12.50

81—**BC Pervenusta "Yellow" x LC Nugget**—A deep yellow Brasso of heavy texture, good shape, and red lip.  
4" 12.50

82—**BLC Llewellyn x LC Kaumana**—Both parents rich orange in color. Expect deep orange hybrid of good size.  
4" 12.50

83—**C. Annette Alba x BLC Queen Alexander**—A superb white Brasso of the Nanette type. Excellent shape and carriage.  
2" 4.00  
3" 7.00

84—**BC Olina (BC Veitchii x C. Hassallii Alba)**—A very fine white Brasso. Large fringed lip with a green throat.  
4" 27.50

85—**BC Albion (BC Thorntonii x C. Trianae)**—One of the best Brassos for the beginner. Large pastel. Very free flowering and easy to grow.  
5" 20.00

86—**BLC Minpuss (BC Mrs. Joseph Manda x LC Zeno)**—Beautiful apricot colored sepals and petals. Large full red lip. Medium size, heavy texture.  
4" 37.50

87—**BLC Dawn Angela x LC Windemere Clovely A.M.R.H.S.**—A new combination of excellent parentage that should produce a top quality exhibition hybrid of lavender color.  
4" 15.00

88—**LC Bocono x BLC J. K. Lilly**—Another of the fine BLC J. K. Lilly crosses. Excellent shape; rich lavender color.  
1½" 2.25  
2" 4.00  
3" 7.00

89—**C. Thebes var. Bronze King x BLC Samoset**—Rich bronze yellow sepals and petals with red lip. Excellent texture.  
3" 7.00  
4" 12.50

90—**(LC Ishtar x BLC Helmsdale) x LC Hertha var. Perfection**—Will not show much Brasso influence. Should produce a perfectly shaped Cattleya of rich lavender color for exhibition purposes.  
3" 7.00  
4" 12.50

No. 44—*Brassolaeliocattleya Blanche Okamoto*

## HYBRID BRASSOS (Cont'd)

91—LC Mrs. Medo x BC S. M. Damon—Clear yellow sepals and petals with a large red lip. Excellent size. 1½" 2.25  
3½" 10.00

92—LC Mysedo var. Miya x BLC Zaffredo—Rich red-bronze sepals and petals with contrasting darker lip. Fine texture. 1½" 2.25  
2" 4.00

93—C. Tityus x BLC J. K. Lilly—Excellent shape, exhibition type lavender. 1½" 2.25

94—LC Hassallii Alba x BLC Nanette Alba—A very fine white with dark purple lip Brasso. Should be very large. 1½" 2.25  
2" 4.00

95—BLC J. K. Lilly x LC Balkis fine var.—Rich lavender-purple with a dark royal purple lip. Excellent shape. 1½" 2.25  
2" 4.00

96—C. Rembrandt x BLC Wake Island var. The Queen—C. Rembrandt is a very spectacular bifoliate hybrid carrying 15-20 flowers in a head. A Triploid when crossed to the Tetraploid Wake Island, the result must be superior. Lavender color. 1½" 3.00  
2" 4.50

97—BLC Ben Kodama x LC Balkis var. Superba—A rich lavender bronze of large size and excellent shape. Some F.C.C. will come out of this batch. 1½" 2.25

98—BC Kamehameha x C. Trianae var. Bankhouse—A huge flower of medium lavender color with very wide overlapping petals. 1½" 2.25

99—BLC Wake Island var. The Queen x BLC Dr. Paul Nomura—Both parents polyploids of terrific shape. These will produce show winners for sure in a rich lavender color. 1½" 2.75

100—BLC Dawn Angela (BLC Heather Queen x LC Ishtar)—A fine hybrid of excellent shape. Rich lavender sepals and petals with darker lip. 5" 25.00

101—BLC Viscountess (BC Viscount Toda x LC Queen Mary)—Fine shape; rich lavender with dark lip. Excellent shape. 5" 20.00

102—BC Kamehameha (BC Akebono x C. Tityus)—Very large flower, wide petals. Warm lavender, darker lip. 5" 22.50

103—BLC Heather Queen x C. Alexandra—Large lavender; good shape; free flowering. A good hybrid. 5" 20.00

104—BLC Ben Kodama (LC Canberra "Stonehurst" x B. Digbyana)—One of the most famous Brassos raised in Hawaii. Yellow to bronze to green to red. Large size and free flowering. 4" 15.00  
6" 25.00  
Selected 27.50-55.00

105—Bridesmaid (C. Edithiae x BLC Queen Alexandra)—White sepals and petals with a huge fringed lip. Some pale pastel. 5" 20.00

106—(C. Hardyana x BC Corrientes) x BLC Wake Island var. the Queen—Perfection of shape. Rich lavender with darker contrasting lip. 3" 7.00  
4" 12.50

107—BLC Wake Island var. the Queen x BLC J. K. Lilly—To get a Brasso with a better shape potential would be hard. Lavender color darker lip. 2" 4.00  
3" 7.00

108—BLC Daffora x BLC Nanette—Ivory to butter yellow over all. Large size and heavy texture. 2" 4.00  
3" 7.00

109—LC Queen Mary x BLC Llewellyn—Intense dark lavender to lavender bronze. Excellent shape and size. 1½" 2.25  
2" 4.00

110—BLC Llewellyn x LC Delta—A companion cross to #109 with the same purpose and result. 1½" 2.25  
2" 4.00

111—LC Nuuanu x BLC Llewellyn—Very dark yellow with red lip. Excellent size and shape. 1½" 2.25  
2" 4.00

112—C. Prince Kuhio x BC Princess Patricia F.C.C.R.H.S.—Lavender of exhibition quality. Large size. 1½" 2.25

113—(LC Thalia x LC Alibula) x BLC Nugget var. Puritan—Orange to bronze-yellow; large size; very heavy texture. 1½" 2.25  
2" 4.00

114—LC Sam Houston var. Brilliance x BC Princess Patricia F.C.C.R.H.S.—Warm lavender sepals and petals with a dark royal purple lip. 1½" 2.25  
2" 4.00

115—BLC Daffora x BLC Nugget var. Puritan—Two of our finest exhibition yellows crossed together. Should produce a super yellow Brasso. 1½" 2.25  
2" 4.00

116—BLC Mary M. Damon (BLC Llewellyn x C. Triumphant)—Chartreuse to lemon yellow with a large red lip. 1½" 2.25

117—BLC Golden Queen var. Regina A.M.-H.O.S. x BLC Nugget var. Puritan—Rich orange yellow; large size with red bronze lip. 1½" 2.25

118—LC Nuuanu x BLC Llewellyn—Butter yellow sepals and petals with a red lip; large size. 1½" 2.25

119—BC Hartland x LC Balkis var. Superba—Dark purple of perfect shape and exhibition quality. 1½" 2.25

120—C. R. Prowe x B. Glauca—Warm pink. Dwarf plants. Flowers excellent shape, small, very heavy texture. 1½" 1.75

## SEMI TERETE BRASSOVOLA HYBRIDS

These are unique Brassos and for novelty are unsurpassed. Flowers like a giant Nodosa but in various colors. Foliage is terete like the Brasso parents. Visitors to our nurseries never fail to appreciate these charming novelties.

121—BC Nanipuukea (C. Hardyana Alba x B. Nodosa)—White like a B. Nodosa but three times as large. 4-5" 12.50

122—B. Nodosa x C. Bicolor—One of the loveliest. Deep chartreuse sepals and petals, cream white lip. 4-5" 12.50

123—BC Lindleyana (B. Tuberculata x C. Intermedia)—A charming natural hybrid of tremendous freedom of flowering. Bifoliate terete growth. Flowers white, heavily spotted with purple. 6" 15.00

124—C. R. Prowe x B. Cordata—Yellow to green. Many flowers in the cluster. 1½" 1.75

125—B. Cordata x C. Bertii—Deep bronze lavender; 15 to 20 flowers in a head. 1½" 1.75

126—LC Nugget x B. Cordata—Deep yellow-green to orange-bronze. 1½" 1.75

127—B. Nodosa x C. R. Prowe—White with good size, many flowers to a head. 2" 3.00

## BRASSIA

Closely allied to Oncidiums, often called the Spider Orchids. Grow in the intermediate house. Give ample water when growing; drier when dormant, but not as dry as Oncidiums.

128—Gireoudiana (Costa Rica)—Large pseudo bulbs scapes 15-24" with 9-12 flowers. Sepals and petals yellow, tinted green. Lip light yellow, orange crest. 6" 12.50

129—Caudata (West Indies)—Scapes 6-10 flowered. Sepals and petals narrow, ribbon-like; color light green-yellow, spotted brown on the base. 4" 10.00

130—Longissima (Costa Rica)—Late Spring. Orange-straw yellow. Exceptionally long sepals and petals. Flowering size on logs 10.00

131—Verrucosa (Guatemala)—Spring. Long spikes, 1 to 2 feet. Flowers large; greenish, spotted deep purple. 4-5" 10.00  
Flowering size on logs 10.00

## BRASSIDIUM

Generic hybrids between the genera *Brassia* and *Oncidium*. These are relatively rare in cultivation but are most worthy of inclusion in all collections. They are most spectacular spray orchids. Culture as for *Brassia*.

132—*Betty N. Shiraki* (*O. Sphaelatum* x *B. Brachiata*)—Long sprays of bright yellow flowers of good size; spring flowering. 4" 10.00

133—*O. Lanceanum* x *B. Brachiata*—Unflowered to date but should produce a spectacular flower. Green and purple in color. 3" 7.00  
4" 12.50

## BROUGHTONIA

Closely allied to *Cattleya* these are beautiful little plants. Best grown on logs they like strong light and a fairly dry atmosphere. Flowers are produced in clusters on long spikes. They add charm to any collection and the hybrids crossed with *Cattleyas* should prove most interesting.

134—*Sanguinea* (*Jamaica*)—Flowers 1" or more across, of perfect shape with broad lip and petals. Blood color. Flowering size on Logs 10.00

135—*C. Bowringiana* x *B. Lilacina*—Semi-dwarf plants; large clusters of bright lavender flowers. 1½" 2.25

## BLETIA

A genus of terrestrial orchids closely allied to *Phaius*. Round flat corm like pseudo bulbs. Grow best in strong light in a rich compost soil. Keep well watered except when dormant.

136—*Purpurea*—Spikes to four feet; many flowered. Rosy purple, darker lip. Easy culture. 4" 5.00

## CATTLEYA — Species

*Cattleya* species and hybrids are among the showiest of all orchids. They are the popular florist flower. They should be grown in the intermediate to warm house. The species require ample water when in growth, but much less when dormant. They are among the easiest of all orchids to grow. Potting should usually be done just after the plant has flowered. *Osmunda* fibre is the preferred potting material although they do equally well in Hawaiian tree fern fibre or on logs.

137—*Aurantiaca* (*Guatemala*)—Summer; flowers 2-3"; clear orange, in heads of 6 to 10 flowers. Flowering size 7.50

138—*C. Gigas Alba Rochellensis* x *Gigas Alba Firmin Lambeau F.C.C.R.H.S.*—A cross between two of the rarest *Cattleya* species in existence. Both are beautiful pure whites. Firmin Lambeau is such a hard thing to predict as a parent we cannot guarantee pure whites. However they should be white. Very rare and limited in quantity available. 3" 8.50

139—*Intermedia* (*Brazil*)—April to May. Light lavender, flushed deeper rose. Flowers about 4". Flowering size on logs 5.00

140—*Mossiae* var. *Wagneri* (*La Guayra*)—The pure white form of *Mossiae*. The grandparent of most white hybrids. 5" 22.50

141—*Trianae* var. *Mrs. Dixon*—A lovely rare form of this fine species. Pure white sepals and petals of wide proportions; lavender lip. 5" 35.00

Read about our new price policy. List prices include air carriage to any part of the U.S.—or its equivalent.



No. 143A—*Cattleya Pavlova*

## CATTLEYA HYBRIDS

While most of the modern *Cattleya* hybrids contain either *Laelia* or *Brassovia*, a few containing the straight species are still made. These consist for the most part of the *Alba* or pure white forms. They want more water than the species as they do not have such a prolonged rest period. The pure white forms also require a little less light.

142—*Estell Alba* (*Cowaniae* x *Edithiae*)—A very fine highly productive white. Good shape and texture. A favorite for fine winter cut flowers. 4" 12.50  
5" 17.50 6" 22.50

143—*Priscilla Ward* (*Granulosa* x *Forbesii*)—So far these have produced 100% green flowers. Very heavy texture; about 5" across. Plants dwarf in habit. Spring and summer. 3" 6.00 4" 10.00 5" 12.50

143A—*Pavlova* (*Egret* x *Mossiae Wagneri*)—Very heavy texture. Pure white flowers. Winter. 4" 12.50

144—*Gladys Tsukamoto* x *Concinnity*—Pure white, orange throat. Exceptional production. Winter. 4" 12.50

145—*Hesperus* (*Enid* x *Hardyana*)—A very heavy-textured, large flower of deep rose lavender with dark lip. 6" 30.00

146—*Armainvillierensis* (*Gigas* x *Mendeli*)—Terrific production. Flowers twice a year. Large flowers, lavender pink in color. 5" 10.00

147—*Granday* (*Granulosa* x *Heyday*)—Very large lavender bronze of the *Granulosa* type. A distinct novelty. Spring. 4" 12.50 5" 17.50

148—*Suzanne Hye Alba* (*Gaskelliana* x *Mossiae Wagneri*)—A terrific producer. Flowers pure white with yellow throat. Flowers off and on all year. 4" 12.50

No. 149—*Cattleya Ashlands var. Lion*

## CATTLEYA HYBRIDS (Cont'd)

149—*Ashlands var. Lion (Dupreana x Tityus)*—This is the best variety of this fine hybrid. Flowers produced on tall strong stems. Has a terrific flowering record. Fall. 6" 37.50

150—*Estelle Alba x Mina*—Very heavy production. Large white flowers of good shape and substance. 3½" 10.00

151—*Stalin x Octave Doin-Mossiae*—Should produce a fine dark lavender in mid-winter suitable for exhibition purposes. 3" 8.50

152—*December Snow x Jean Barrow var. Kodama*—The Jean Barrow is a tetraploid and proven parent. Should produce super winter whites. 1½" 3.25

152A—*Claribelle (Dinah A.M. x Thorout)*—Excellent shape; medium lavender with dark lip. Winter. 5" 20.00

153—*Dinahbo (Bodicea x Dinah A.M.R.H.S.)*—Wonderful shape. Warm lavender darker lip. Fall and winter. 5" 17.50

154—*Bobbie Jewell x Irene var. Rivermont*—Very free flowering winter white. Excellent cut flowers. 4" 10.00

155—*Edithiae White Empress x Estelle Makashima var.*—The Estelle parent is a tetraploid. Should produce excellent winter whites. 3" 7.00  
4" 15.00

156—*Estelle x White Lady*—Very heavy production of good quality winter pure whites. 5" 17.50

157—*Joan Manda (Suzanne Hye x White Empress)*—A proven white of good quality. Fine production. 5" 17.50

158—*White Lady (O'Brieniana Alba x Perciviliana Alba)*—A smaller flower, pure white. Very heavy texture. 5" 17.50

159—*Tityus x Grand Monarch*—Lavender; dark purple lip with a large area of yellow in the throat. Good shape. Winter. 5" 17.50

160—*San Onofre x Dupreana*—Very large flower. Lavender with a darker lip. Good production. Fall. 4" 12.50  
5" 17.50

161—*Janice Tanaka (Angelina x Gaston Bultel)*—No set season. Gives you a surprise package of good quality white flowers throughout the year.  
4" 12.50  
5" 17.50

161A—*Profusion (Intertexta x Tityus)*—Very free flowering lavender on long stems. Winter. 5" 20.00

162—*C. Brussels x Amabilis Alba*—Pure white sepals and petals, rich purple lip. Very free flowering and a vigorous grower. We have had up to 20 flowers on a 6" pot.  
4" 12.50  
5" 15.00

163—*C. George Reynolds (Florence Dalton x Dinah A.M.)*—A fine large lavender of excellent shape. Free flowering, rich color.  
3" 8.50

164—*(C. Bobby Jewell x Minnehaha) x (C. Bow Bells x Mossiae Wag.)*—A large pure white of fine shape and good texture. Winter flowering.  
1½" 2.25  
2" 4.00

165—*C. Euchona x Jean Barrow var. Kodama*—Pure white of exhibition quality. The C. Jean Barrow is a proven tetraploid parent. Winter and spring.  
1½" 2.25  
2" 4.00

166—*C. Kiwi (Priscilla Alba x Suavior Aquinae)*—White sepals and petals; the petals beautifully splashed with rich purple to give the flower the effect of three lips. 3½" 22.50

167—*Bobby Jewell x Minnehaha F.C.C.*—A very free flowering large pure white. Winter flowering. 5" 22.50

168—*C. Bobby Jewell x Jean Barrow*—Pure white, fine texture with heavy production. Winter and spring.  
4" 12.50  
3" 7.00

169—*Neal Kyle (Edithiae x Minnehaha)*—Free flowering pure white of large size. Winter flowering. 5" 17.50

170—*Rose Andrade (Edithiae x Bebe White)*—A proven white. Large, fine shape and texture. Winter flowering.  
5" 17.50

171—*Mount Shasta (Estelle Alba x Bebe White)*—Equally good to #170 and of similar type. 5" 17.50

172—*Ewa (Pavlova x Jean Barrow)*—Very heavy texture. Pure white. Winter flowering. 5" 17.50

173—*Estelle Alba x Rita Sladden*—Heavy production of pure white. Winter flowers. Excellent for cut flowers.  
4" 12.50  
3" 7.00

174—*Angelina Alba x Rita Sladden*—Similar to #173.  
3" 7.00  
4" 12.50

175—*Estelle Alba x Eleanor Hinkley Dane*—Very large pure white of fine quality. Winter.  
1½" 2.25  
2" 4.00

**C. BOW BELLS CROSSES**

Everyone has heard of the famous C. Bow Bells. Probably no other white hybrid has gained such a famous reputation. We are pleased to offer five of the best of these crosses. All contain large pure white flowers. Excellent shape, heavy texture. Many show winners here.

176—*Bow Bells var. Honolulu x Self.* 5" 32.50

177—*Bow Bells x Cowaniae.* 5" 27.50

178—*Empress Bells (Bow Bells x Edithiae).* 5" 27.50

179—*Gen Patton (Bow Bells x Barbara Billingsley).* 5" 32.50

180—*Bow Bells x Minnehaha.* 5" 27.50

## SMALL FLOWERED CATTLEYAS

A great deal of interest has developed in the heavy textured small cluster type of Cattleya. Flowers average 3-4" and a good stem carries 4-7 flowers in a head. These make ideal show plants as well as excellent cut flowers.

181—*R. Prowe (Intermedia Alba x Suzanne Hye)*—One of the most terrific producers we have ever seen. Wonderful clear white flowers of very heavy texture.      4" 12.50  
5" 17.50

182—*Harrisoniana-Eucharis x Suzanne Hye*—Very heavy texture, nice round shape. White, yellow in the throat.      4" 12.50  
3" 8.50

183—*Bertii (Harrisoniana x Labiata)*—Compact flowers of fine color. Deep lavender; three to six in a head. Flowers right at Christmas in Hawaii.      4" 12.50  
5" 17.50

184—*Eucharis-Harrisoniana x Estelle Alba* — Similar to #182.      2" 4.00  
3" 7.00

185—*Bertii x Enid*—Should produce a slightly larger flower than the fine little Bertii. Lavender color; exceptional production.      1½" 1.75  
2" 3.00

186—*Pualili (Triumphans x Harrisoniae)*—Lovely pastel lavender, often with a solid clear yellow lip. Very distinct.      4" 10.00

## CALANTHE

Semi-terrestrial orchids that make charming pot plants. Many are deciduous; however, the species we offer is evergreen thus making it of easier culture and more attractive when in flower. Pot in old osmunda or organic compost soil. Keep moist at all time. 50% shade.

187—*Discolor var. Bicolor (Japan)*—Long spikes. Lovely green foliage; yellow to cream white flowers with darker lip.      4" 7.50

## CHYSIS

Best potted into pans or pots. Semi-terrestrial. They like a rich compost, old osmunda, oak, mould, sand, and peat in equal proportions. Keep warm with lots of water when in growth. After growth, remove to cooler location and keep on the dry side.

188—*Aurea (Venezuela)*—Spring. 3 to 6 flowers. Brownish yellow, white with crimson lip.      4" 7.50

189—*Bractescens (Peru)*—Spring. 5 to 8 flowers. Wax white. One of the loveliest of all orchids.      5-6" 12.50



Nos. 176 to 180—Cattleya Bow Bells Hybrids



No. 198—Cypripedium Callosum

## COELOGYNE

A most interesting genus from the amateur standpoint. Sometimes called the chain orchids. Pot in osmunda, not too hard. They like plenty of water. Intermediate to warm house.

190—*Flaccida (North India)*—7 to 12 cream white flowers about 1½" across, on short spikes. Very prolific.      4" 7.50

191—*Massangeana (Assam)*—Not seasonal. Long pendulous spikes up to two feet or more in length. Flowers buff yellow, marked brown.      5" 10.00

192—*Merrillii (Philippines)*—A dwarf species. Translucent white flowers, 2½". Short spikes.      4-5" 7.50

## CYMBIDIUM

We do not grow the modern hybrids in Hawaii as our climate is too evenly warm to insure proper flowering. The species we list are all most interesting and are proven free flowering in warm regions. Warm to intermediate house. Plenty of water at all times.

193—*Finlaysonianum (Malaya)*—Pendulous racemes, many flowered. Brown-red. Very easy to grow. Not seasonal.      6" 12.50

194—*Giganteum (India)*—Winter. Large flowers. Green-brown, striped red.      6" 15.00

195—*Grandiflorum (Sikkim)*—Winter. Large flowers. Green-yellow, lip spotted red.      6" 15.00

196—*Mastersii (India)*—A striking plant of unusual growth. Resembles a dwarf palm. Large white flowers. Winter.      6" 15.00

197—*Pendulum (Asia)*—A giant species. Large ocre yellow flowers; red lip. Pendulous racemes. Not seasonal.      6" 12.50

## CYPRIPEDIUM SPECIES

Lady Slipper Orchids. A very easy genus for the amateur to grow. Intermediate house, 50% shade, lots of water at all times. Pot soft in any rich organic compost, fertilize frequently.

198—*Callosum (Siam)*—A beautiful tessellated-foliation type. Flowers white, striped deep purple with purple pouch. Long stems. Flowers all year around; one growth after another.      5" 10.00

No. 210—*Cypripedium Leeeanum Hawaii var.*

## CYPRIPEDIUM SPECIES (Cont'd)

199—*Insigne (India)*—The easiest of all to grow. Can be handled as a house plant almost anywhere. Green-brown. Winter. 4" 5.00

200—*Insigne Sanderae (India)*—The clear yellow form. Very free flowering. 5" 7.50

## CYPRIPEDIUM HYBRIDS

Equally easy to grow as the species. Hybridization has refined the flowers and made them even more attractive. Every collection should have some of these fine plants.

201—*King Arthur "Burgoyne" (Bingleyense x Monsieur de Curte)*—One of the best cut flower types. Long stems. Mahogany red in color. Very free flowering. 5" 22.50

202—*The Major var. Becktons (Gaston Bultel x Harrisianum)*—A very well-shaped red mahogany flower. Purple-red and brown dorsal. Winter. 5" 27.50

203—*Sir Redvers Buller (Insigne x Smithii)*—Exceptionally free growing. Purple-red color. 5" 12.50

204—*Leyburnense Magnificum (Charlesworthii x T. B. Haywood)*—Lovely in shape. Very free flowering. Purple rose in color. A grand subject. 5" 27.50

205—*Corisande II (Ballet Girl x Mary Gratrix)*—One of the best of the deep reds. Long stem. Very free flowering. 5" 27.50

206—*Mencius (Hadrian x Shogun)*—Sorghum-brown and green-yellow, spotted darker brown. Good bloomer and free flowering. 5" 12.50

207—*Oceananthum (Harrisianum x Insigne)*—An old favorite. Very easy to grow. Green-brown. 5" 12.50

208—*Atlantis var. Vivicans A.M.-R.H.S. (Cardinal Mercer x Chloris)*—A very large, well-shaped red. Good stem and flowering habit. 5" 32.50

209—*Maudiae Magnificum F.C.C.-R.H.S. (Callosum Sanderae x Lawrencianum)*—The popular green florist Cyp. White dorsal, striped green with green pouch and petals. Flowers all year. Most stylish. 4" 17.50

210—*Leeeanum var. Hawaii (Insigne x Spicerianum)*—One of the best varieties of this fine hybrid. Neat white dorsal with green and brown. Pouch and petals brown. 5" 10.00  
6" 12.50

211—*Wm. Kirch (Insigne x Grace Darling)*—A very clear yellow on a long stem. Most vigorous and free flowering. 5" 15.00

212—*San Actaeus (Actaeus x Insigne Sanderae)*—A large green-yellow. Very good grower. Free flowering. 5" 15.00

213—*Mauretanica (Alcibiades x Mem. F. M. Ogilvie)*—A very fine large spotted type. Free growing and very vigorous. 5" 22.50

214—*Martin (Burton Lady x Swallow)*—Exceptionally long stems. Large striking spotted type. Very easy to grow. 5" 12.50

215—*Dervish (Bordube Eau de Nil x Grace Darling)*—Lovely soft green-yellow. Good grower. Free flowering. 5" 22.50

216—*Noel Hardy (Nirvana x Nitens-Leeanum)*—One of the best. Long stems, clear brown and white flowers. 5" 22.50

217—*Warrior var. Green's (Alcibiades x Lord Wolmer)*—One of the most famous green-spotted types. A very famous parent. 5" 32.50

218—*Amberley Gem (Earl of Tankerville x Formidabile)*—A cute little dwarf variety. Heavy spotting of dark brown on white. 5" 22.50

219—*Gigas var. Cordean Hall (Harrisianum x Lawrencianum)*—Large size; deep purple pouch. Dorsal white, heavily veined purple. Stems 18" or over. 5" 27.50

220—*Loma Prieta (Chrysostom x Cyclops A.M.)*—Heavily spotted with basic colors of brown, green and yellow. Very good grower. 5" 27.50

## WHITE CYPRIPEDIUMS

Among the most beautiful of all orchids. These appear to be carved out of Ivory. Unlike their brighter-colored brothers and sisters, they flower several times a year. Grow in the warm part of the Cattleya house.

221—*Rosy Dawn (Gwen Hanner Album x Astarte)*—A finely shaped round flower. Porcelain white, tinged blush pink. Very free flowering. 5" 42.50

222—*Albion F.C.C.-R.H.S. (Astarte x Niveum)*—A beautiful dainty flower. Snow white with an oriental green on the column. A real gem. 4" 42.50

No. 227—*Dendrobium Aggregatum var. Majus*

223—*Astarte (Insigne Sanderae x Psyche)*—White, splashed citron green on the lower dorsal and petals. Very free flowering. 5" 42.50

224—*F. C. Puddle F.C.C.-R.H.S. (Actaeus x Astarte)*—Medium sized; snow white, of beautiful shape. One of the very best. 5" 52.50

225—*Venus (Insigne x Miveum)*—White, spotted purple. Lovely little flowers. 4" 32.50

### DENDROBIUM SPECIES

A very large and polymorphic genus distributed over a wide range of the Pacific to Asia. All are easily grown. General requirements are decided periods of growth and rest. Plenty of heat, water, and fertilizer when growing; keep dry and cool when dormant. Ample light at all times. Pot in osmunda or Hawaiian tree fern.

226—*Aureum (Philippines)*—Deciduous species. Lovely, fragrant yellow flowers in the Autumn. Our strain raised from seed of a very fine type. **Baskets 15.00**

227—*Aggregatum var. Majus (India)*—Spring. Dwarf habit. Slender drooping spikes of beautiful orange flowers. Give practically no water from October to March to flower well. 4" 7.50 5" 10.00 6" 12.50

228—*Aggregatum var. Jenkensii (India)*—Spring. A miniature form of the above. **Flowering size on logs 6.50**

229—*Caniculatum (Queensland)*—Evergreen. Most charming miniature. Long, upright spikes of white, cream, and purple flowers. Fall. 3½" 8.50

230—*Chrysotoxum (Moulmein)*—Spring. Very beautiful; deep, golden yellow. Flowers in clusters. No water during winter. **Flowering size on logs 7.50 5-6" 10.00**

231—*Dearei (Philippines)*—Lovely white ginger-like flowers that last for months. An evergreen, stately plant. Ours is a very fine type from seed. 5" 17.50

232—*Dalhousianum (Burma)*—Very large flowered. Peach-rose, maroon spots on lip. 6" 15.00

233—*Formosum Giganteum (Assam)*—Foliage covered with black hairs; 2 to 5 large, pure white flowers with orange throat. In clusters at tips of the pseudobulbs. Autumn. 4" 15.00



No. 230—*Dendrobium Chrysotoxum*

234—*Fusiforme (Queensland)*—A pretty little plant with nice spikes of white flowers. 3½" 7.50

235—*Fimbriatum Occulatum (Burma)*—Spring. Bright orange flowers, maroon blotch in lip. Very fine. 5-6" 15.00

236—*Johannis (Queensland)*—Evergreen. Brown with canary yellow lip. Long spikes. 4" 10.00



No. 231—*Dendrobium Dearei*



No. 235—*Dendrobium Fimbriatum Occulatum*

## DENDROBIUM SPECIES (Cont'd)

237—*Hilderbrandii (Burma)*—Flowers 2 to 3 in clusters from the nodes; pale yellow, orange lip. Spring flowering.

4" 10.00

238—*Moschatum Cupreum (India)*—Large flowers. Apricot yellow, lip like a pouch. Spring.

6" 15.00

239—*Nobile (India)*—Of easiest possible culture. Rosy pink. Flowers in twos and threes from the nodes. Spring. Rest dry over winter.

Flowering size on logs 6.50

240—*Nobil Virginale*—The pure white form of the above. Very lovely.

5" 12.50

241—*Philippinense (Philippines)*—Curious terete foliage. Small yellow flowers.

3-4" 7.50

242—*Senile (Malaya)*—A very curious little plant. Has white hairs all over it, looks like a little old man. Beautiful green-yellow flowers.

Flowering size on logs 7.50

243—*Schuleri (East Indies)*—A very rare species that has been most valuable in breeding. Plants robust growers.

Flowering size 30.00

244—*Speciosum (Australia)*—Grow in full sun. Will stand outside climate in all temperate regions. Will tolerate a low of 35 degrees F. Large spikes of cream flowers. Called Rock Lilly.

5-6" 15.00

245—*Superbum var. Dearei (Philippines)*—Pendulant. Large pure white flowers along the bulb at nodes. Very fragrant.

3" 6.00 On logs 10.00 Specimens 20-25.00

246—*Tokai (Fiji)*—Evergreen. Dark green flowers. Very charming.

3" 8.50

4-5" 12.50 6" 25.00

247—*Undulatum (Queensland)*—Variable. Evergreen. Brown and yellow shades. Long spikes, undulated flowers.

5" 17.50 6" 25.00

248—*Undulatum var. Broomfieldii*—Easily one of the finest Dendrobium species in existence. Clear green-yellow flowers of very heavy texture. Long spikes.

6" 25.00

7" 30.00

249—*Undulatum var. Carter*—An exceptionally fine type of Undulatum. Considered by many to be a distinct species. Straw yellow flowers.

Flowering size divisions 35.00

250—*Grantii (Queensland)*—A rare species of the Veratrichum group. Long sprays of lovely white flowers.

Flowering size 22.50

251—*Dicuphum (Queensland)*—A rare member of the Phalaenopsis section. Pure white round flowers. Dwarf plant.

3-3½" 10.00

252—*Wilkiannum (Queensland)*—Another very rare species. Dwarf plant. Golden brown flowers on long spikes.

4" 15.00

Our new price policy includes pre-payment by air parcel post or air freight to any point in the United States. If you live outside the United States, you will receive an equivalent credit on the carriage charge. Read about in our "Talk About."



No. 239—Dendrobium Nobile



No. 308—*Dendrobium Phalaenopsis* var. *Mauna Kea*

## HAWAIIAN DENDROBIUM HYBRIDS

Three years ago these plants were almost unknown outside of Hawaii. Today they are fast approaching one of the most popular amateur orchids for cultivation. They are unsurpassed for ease of culture and freedom of flowering. Many of our varieties such as Pamela Kirch and Jacqueline Thomas produce flowers almost every month of the year. They can withstand dryness and other unfavorable cultural conditions that predict failure for other genera. Their culture is simple. They grow best in the Cattleya house or outside in the tropics. They like strong light. When they are in active growth water copiously, and fertilize regularly. Use any good fertilizer recommended for orchids. After growth matures, reduce the water

and fertilizer to harden the bulbs but do not dry as severely as you would the species. Pot them in osmunda or Hawaiian tree fern as you would Cattleyas.

Dendrobium hybrids are exceptionally fast growing plants. Many of our customers write back that they are getting flowers one year after the purchase of 1½" pots. Our seedlings are hard grown and we believe the equal of the best to be found anywhere in the world. At these new attractive prices you can't afford not to try some.

For your convenience and to help you better understand them, we are grouping them according to their principal characteristics.



No. 253—*Dendrobium Lady Constance*

The full-color illustration on the title page of this catalog indicates  
the wide range of colors and types available in this genus

### GROUP I—Dendrobium Hybrids

This is a very large section and has been divided into subsections. Its main influence has been created by the use of Dendrobium Phalaenopsis as a parent. The flowers are very large, contain glorious colors, and fine shape. They are occasionally affected by bud drop. This is caused by poor ventilation and high humidity. Create a better circulation of air, dry out the atmosphere. The use of an electric fan will often solve the problem. They make excellent cut flowers.

### GROUP I-A—Dendrobium Hybrids

These are the crosses bred for large, round flowers. Many of them show intense color. They flower during fall, winter, and early spring. They are excellent exhibition plants.

253—Lady Constance (Orchidwood x Phalaenopsis)—One of the finest. Very large. Round flowers. Lavender purple to deep fuchsia. 1½" 1.75  
2" 3.00                    3" 6.00                    4" 10.00  
5" 15.00                    Selected flowering 25-35.00

254—Louis Bleriot (Superbiens Goldei x Phalaenopsis)—A great favorite. Large dark flowers. 4" 10.00  
5" 12.50                    Selected flowering 15.00-35.00

255—Valley King (Mildred Kazumura x Phalaenopsis)—One of the finest of the newer hybrids. Very heavy texture. Wonderful deep colors. 3" 8.50  
4" 12.50                    5" 20.00

256—Liliha x Phalaenopsis—Very large dark lavender. Fine sprays. 1½" 1.75  
3" 6.00                    4" 10.00

257—Lim Chong Min (Caesar x Phalaenopsis)—Very heavy texture, large flowers. Near white to deep dark lavender. 4" 10.00  
3" 6.00

258—Kehaulani Ayau (Sander's Crimson x Phalaenopsis)—Large size. Deep lavender-red color. 4" 10.00  
5" 15.00

259—Lois Anderson (Hawaii Nui x Phalaenopsis)—Very large dark flowers. Free flowering. One of the best of the proven crosses. 1½" 1.75  
3" 6.00                    4" 10.00

260—Madam Pompadour (Phalaenopsis x Louis Bleriot)—Beautiful shape. The selected dark forms are real prize winners. 1½" 1.75  
2" 3.00                    3" 6.00                    Selected flowering 17.50-35.00

261—Hawaii Nui (Hawaii x Phalaenopsis)—A fine hybrid of good size. Deep lavender. 3" 6.00

262—Madam Pompadour x Madam Pompadour—Should produce some real prize winners. See #260 for description. 2" 3.00  
1½" 1.75

263—Waialua (Lois Anderson x Phalaenopsis)—A proven hybrid of great merit. Fine shape and color. 1½" 1.75  
3" 6.00

264—Madam Pompadour x (Hawaii—Chrysotoxum)—Fine shape and deep dark red color. 3" 6.00

265—Lois Anderson x Anouk—Two fine types, dark color. Excellent shape. 3" 6.00

266—Lady Constance x Phalaenopsis Dixon—Intense color and excellence of shape. 1½" 1.75  
3" 6.00

267—Valley King (Mildred Kazumura var. Ivory x Phalaenopsis Alba)—A new strain. Both parents white. Hope to achieve a white Valley King. 3" 6.00

268—Lady Constance x Lady Constance—Another of those fine inbred lines. Some fine things will appear. 1½" 1.75

269—Mildred Kazumura x Lady Constance—Very fine shape; rich color; heavy texture. 3" 6.00  
4" 10.00

270—Sandy x Anouk—Large dark flower; very long sprays. 1½" 1.75  
2" 3.00                    3" 6.00

271—Anouk (Madam Pompadour x Phal. Schroderianum var. Ruby)—Ruby is our top stud Dendrobium Phalaenopsis; crossed to the shapely Madam, the result is bound to create a whistle. 1½" 1.75  
2" 3.00                    3" 6.00

272—Dark Prince x Phalaenopsis "Ellen Williams"—Of this cross we can't say enough. Dark Prince contains Dend. Dalhousianum as one parent. Crossed to the famous Ellen William Phalaenopsis, it has to be spectacular. Stock very limited. Very large, rich lavender. 1½" 3.25

273—Sanders Crimson x Bigibbum—Perfection of shape; rich lavender color. 3" 6.00

274—Caesar x Anouk—Rich color; exceptional texture and size. Dark lavender. 1½" 1.75  
2" 3.00                    3" 6.00

275—Jennie Kazumura x Lady Constance—Exceptionally dark, almost black purple; long spikes. 1½" 1.75  
2" 3.00

276—Aileen Lang x Lady Constance—Rich dark color, fine size; lavender-purple. 1½" 1.75  
2" 3.00

277—Neo Hawaii x Lady Constance—Very free flowering; good size; shape and color lavender. 1½" 1.75

278—Liliha x Lady Constance—Like #277 but richer in color. 1½" 1.75

279—Aileen Lang x Phalaenopsis—Fine texture; deep purple color. 1½" 1.75

280—Anouk (Phal. Dixon A.M.H.O.S. x Madam Pompadour var. Hoshino A.M.H.O.S.)—A superb dark strain of this proven hybrid. Both parents outstanding. 1½" 2.75

281—Kalihi x Anouk—Very rich dark lavender. Long spikes. 1½" 1.75  
2" 3.00

282—Betty Potter x Phalaenopsis—Exceptionally large size; huge lip; warm lavender color. 1½" 1.75

No. 263—*Dendrobium Waialua*GROUP I-A—*DENDROBIUM HYBRIDS* (Cont'd)

283—*Lady Constance x T. Kodama*—Very rich dark color. Large size—royal purple. 1½" 1.75  
2" 3.00

GROUP I-B—*Dendrobium Hybrids*

These crosses are not so round in shape but flower almost perpetually. No freer flowering orchids can be found. We call them the Hawaii type.

284—*Pauline (Undulatum x Phalaenopsis)*—An old favorite. Free flowering. Medium to dark lavender. Very long spikes. 1½" 1.25  
3" 5.00 4" 10.00 5" 15.00

285—*Neo Hawaii (Grantii x Phalaenopsis)*—Pastel lavender. Exceptional flower production. 4" 10.00  
5" 15.00

286—*May Queen (May Neal x Phalaenopsis)*—Very fine texture, large size. Various shades of lavender. 3" 8.50  
4" 12.50 5" 15.00

287—*Superbiens var. Goldei*—A very fine natural hybrid. Rose lavender flowers. Long spikes. 5" 13.50

288—*Hawaii (Tokai x Phalaenopsis)*—A great favorite. Exceptional production of flowers. Medium to dark lavender. 4" 8.50 5" 13.50

289—*Pamela Kirch (Helen Bromley x Phal. Mauna Kea)*—One of the freest flowering Dendrobs we have ever seen. Pale pastel to dark lavender. Flowers all year. 3" 5.00  
4" 10.00 5" 15.00

289A—*Joan Tani x Hawaii Nui*—Very dark lavender. Long sprays. 1½" 1.25  
3" 5.00

290—*Leila Camp (Neo Hawaii x Phalaenopsis)*—Bright lavender rose. Good size. 4" 10.00

291—*Neo Hawaii x Sanders Crimson*—Reddish lavender; large size. 5" 15.00

292—*Sanders Crimson (Taurinum x Phalaenopsis)*—A great favorite. Rich dark lavender; flowers on long spikes. 2" 3.00 3" 6.00 4" 10.00

293—*Alice Hong (Lady Constance x 100th Battalion)*—Exceptional flower production. Long spikes. Bright purple flowers. 5" 12.50

294—*T. Snioi x Phalaenopsis*—Medium to very dark purple. Nice shape. 1½" 1.75  
3" 6.00 4" 10.00 2" 3.00 5" 12.50

295—*Jacqueline Thomas (Gouldii x Phalaenopsis)*—Bronze lavender. Long spikes, very free flowering. 3" 5.00  
5" 12.50 6" 15.00

296—*Lois Anderson x Gouldii*—Bronze-yellow, flushed lavender. 3" 5.00

297—*Owen x Phal. var. Giganteum*—Exceptional size; very dark lavender color. 1½" 1.75  
2" 3.00 3" 5.00

298—*Lois Anderson x Undulatum*—Long spikes; curled lavender-red flowers. 1½" 1.75  
3" 5.00

299—*Hawaii-Chrysotoxum x May Neal*—Rich bronze-purple. Fine size and shape. 1½" 1.75  
3" 5.00

300—*Colin Potter x Madam Pompadour*—Dark lavender. Very large flower of excellent shape. 1½" 1.75

301—*Hawaii (Tokai Tenny x Phal. Schroderianum var. Ruby)*—It would be impossible to make this hybrid with finer parents. Rich lavender color with almost perpetual flowering. 2" 3.00  
3" 5.00

302—*Hawaii Bronze x Tokai Tenny*—Rich gold overcast black purple. A distinct novelty. 3" 5.00  
4" 10.00 5" 12.50

303—*Merbellianum x Tokai Samoa*—Deep chartreuse green; free flowering. 2" 3.00  
3" 5.00

304—*Pauline x Alice Spaulding*—Green to yellow with lavender flush. 1½" 1.50

305—*Owen x Hawaii Nui*—Long spikes. Medium lavender; very free flowering. 1½" 1.50  
3" 4.50

No. 288—*Dendrobium Hawaii*

306—**Hawaii Nui x T. Shioi**—Very dark purple; most free flowering.  
1½" 1.75

307—**T. Shioi x Madam Pompadour**—Rich lavender purple; free flowering; good shape.  
1½" 1.75

### GROUP I-C—Dendrobium Hybrids

This contains the various home-raised, selected strains of Dend. Phalaenopsis. You could import thousands of wild plants before you could get one to equal the average of any of these crosses. We offer them with complete confidence.

308—**Phalaenopsis var. Mauna Kea**—Beautiful pure white flowers of great charm.  
1½" 1.75  
3" 8.50 4" 12.50

309—**Phalaenopsis var. White Foam**—A very pure white form of excellent shape.  
4" 15.00

310—**Phal. Schroderianum Alba x Mauna Kea**—A new strain of two of the best whites.  
1½" 1.75  
3" 6.00

311—**Phal. Schroderianum Alba x Self**—The finest white species. These are superb.  
1½" 1.75  
2" 3.00 3" 6.00 Flowering size 17.50

312—**(Phal. Bedford F.C.C. x Self) x Phal. White Foam**—Two perfectly shaped white forms as parents. Should give excellent results.  
1½" 2.25

313—**Phalaenopsis var. Giganteum x Self**—This is the largest form of Phalaenopsis we have seen. Good color.  
1½" 2.25  
3" 6.00

314—**Phalaenopsis Dixon A.M.H.O.S. x Self**—The best plant of Dixon strain we know selfed. Very rich purple color.  
1½" 2.25

315—**Phalaenopsis x Phalaenopsis**—Two very dark types, good deep color.  
3" 5.00  
4" 10.00

316—**Phalaenopsis x Phalaenopsis**—The light rosy form.  
2" 2.50 4" 7.50 5" 10.00

### GROUP I-D—Dendrobium Hybrids

A new type entirely. By using the dwarf form of Phalaenopsis variety compactum we have produced a neat dwarf type of plant. Flowers are of full size. Excellent pot plants where limited space is a factor.

317—**Pauline x Phal. Compactum**—Good deep lavender color. Large flowers.  
4" 10.00

318—**Phal. Compactum x Phalaenopsis**—A dwarf strain of very rich color. Most lovely.  
4" 10.00

319—**Sanders Crimson x Phal. Compactum**—Deep color; large size; red lavender.  
1½" 1.75

### GROUP II—Dendrobium Hybrids

The hybrids in this section are often referred to as the Antelope Orchids. Due to the influence of Dend. Stratiotes, the twisted petals stand up like Antelope horns. Flowers on these plants have exceptional texture and often last on the plants for several months. No other group of plants is more spectacular for display either for show, the home, garden or greenhouse.

320—**Strattokai x Constance**—Deep golden yellow to charcoal.  
5" 15.00  
6" 17.50



No. 293—Dendrobium Alice Hong

321—**Mildred Kazumura (Hawaii x Stratiotes)**—A proven cross of great merit. Yellow, cream, to deep lavender.  
3" 5.00 4" 9.50 5" 15.00 6" 17.50

322—**Alice Spaulding x Stratiotes**—Deep yellow to green and brown. Large size.  
5" 13.50  
6" 17.50

323—**Sunda Island x Shibata**—Large size; brown, cream, yellow.  
3" 5.00  
4" 12.50

324—**Strattokai x Phal. Dixon var.**—Rich black purple to dark lavender. Excellent texture.  
4" 10.00  
5" 15.00

325—**Strattokai x Taurus**—Yellow to bronze red.  
5" 15.00  
6" 17.50

326—**Strattokai x T. Kodama**—Principally yellow to apricot and peach.  
5" 15.00

327—**Strattokai x Tokai**—Deep green yellow.  
5" 15.00  
6" 17.50

328—**Pauoa (Sander's Crimson x Stratiotes)**—Very large lavender flowers of the Caesar type. A fine hybrid.  
1½" 1.75 3" 5.00 4" 10.00 5" 15.00

329—**Hawaii Nui x Stratiotes**—Dark purple; fine size.  
1½" 1.75 2" 3.00 3" 5.00 4" 10.00 5" 15.00

330—**Salak x Shibata**—Green to yellow and brown. Free flowering.  
1½" 1.50  
2" 2.50 3" 5.00 4" 8.50 5" 14.00

331—**Sharon Naka (Lester McCoy x Stratiotes)**—Yellow and red combinations. Many unusual bronze tones. One of the better new hybrids.  
3" 5.00  
4" 9.50

332—**Lum Good (Stratiotes x Gouldii)**—A fine new yellow brown hybrid. Very popular.  
1½" 1.50  
2" 2.50 3" 5.00

No. 316—*Dendrobium Phalaenopsis*

## GROUP II—DENDROBIUM HYBRIDS (Cont'd)

333—*Caesar (Phalaenopsis x Stratiotics)*—Very large flowers. Pale pastel to darkest lavender. Occasionally a pure white form.  
 1½" 1.75  
 2" 3.00      3" 5.00      4" 9.50      5" 15.00  
 Selected flowering 20-25.00      Pure White 40-55.00

334—*Stratiotes x Self*—The famous species itself. Breeds true to seed. Every collection should have a plant. 4" 10.00  
 5" 15.00      Flowering size divisions 17.50

335—*Owen x Stratiotics*—Reds, salmons, warm lavenders.  
 3" 5.00

336—*Strattokai x Shibata*—Green to yellow; large flowers.  
 1½" 1.75      2" 3.00      3" 5.00      4" 9.50      5" 15.00

337—*Strattokai x Gouldii*—Dark chocolate brown to gold.  
 3" 5.00

338—*Sunda Island x Phal. Dixon var.*—Rich dark purple.  
 3" 5.00

339—*Salak x Phal. Dixon var.*—Similar to #338, perhaps darker.  
 3" 5.00

340—*Walter Carter x Joanne Sawers*—White to cream yellow.  
 1½" 1.25  
 2" 2.00      3" 4.50

341—*May Neal x Stratiotics*—Should prove very fine. Yellow to bronze.  
 1½" 1.75  
 2" 3.00      3" 6.00

342—*Joan Tani x Stratiotics*—Red-bronze, lavender to yellow and bronze.  
 1½" 1.75  
 3" 5.00

343—*Wilhelm Stuber x Stratiotics*—Exceptional size; lavender.  
 1½" 1.75  
 3" 5.00

344—*Vicki x Stratiotics*—White to cream with darker markings.  
 3" 5.00

345—*Joanne Sawers x Stratiotics*—Yellow to cream white. Very free flowering.  
 1½" 1.25  
 3" 4.50

346—*Lois Anderson x Stratiotics*—Large dark purple. Caesar type.  
 1½" 1.75  
 3" 5.00

347—*Walter Carter x Phal. var. Giganteum*—Very large; lavender of medium color.  
 1½" 1.75  
 3" 5.00

348—*Mildred Kazumura x Tokai Fiji var.*—Deep green-yellow.  
 2" 2.50  
 3" 4.50      4" 8.50

349—*Stratiotes x T. Shioi*—Deep yellow with chocolate tips.  
 1½" 1.25      2" 2.50  
 3" 4.50      3" 4.50

350—*Bronze Star (Bacchus x Stratiotics)*—Dark Lavender; good size.  
 1½" 1.75  
 2" 3.00      4" 5.00

351—*Pauline x Salak*—Large size free flowering; bronze-purple.  
 1½" 1.25  
 2" 2.50

352—*Toftii x Stratiotics*—White with blue flush.  
 1½" 1.75  
 2" 3.00

353—*Puppchen x Constance*—Large size lavender-bronze.  
 1½" 1.50      2" 2.75

354—*Mildred Kazumura x Constance*—Deep yellow to gold; large size.  
 1½" 1.75  
 2" 3.00

355—*Joanne Sawers x Salak*—Yellow to bronze; free flowering.  
 1½" 1.25

356—*Brisbane x Stratiotics*—Lavender, flushed white.  
 1½" 1.25      2" 2.50

357—*Tsukamoto x Stratiotics*—Large size; bronze color.  
 1½" 1.75

358—*Moanalua x Stratiotics*—Very dark purple flush over white.  
 1½" 1.75  
 2" 3.00

359—*Marguerite Cummins (Pauline x Stratiotics)*—A wide range of colors yellow to lavender-bronze.  
 4" 8.50  
 5" 13.50

360—*Sandy A.M.H.O.S. x Stratiotics*—Deep crimson purple to bronze.  
 2" 3.00  
 3" 7.50      4" 10.00

361—*Mildred Kazumura x Hula Girl*—Yellow to bronze; long spikes.  
 1½" 1.50

362—*Louis Bleriot x Stratiotics*—Very large flower; white, flushed lavender.  
 1½" 1.50  
 3" 4.50      5" 13.50

363—*Stratiotes x Ruth Thomas*—Yellow, dark yellow to cream.  
 1½" 1.50

364—*Sarie Marijis x Leporinum*—White, with green horns.  
 1½" 1.50

365—*Bernice x Stratiotics*—Wide range of colors; yellow to lavender-bronze.  
 1½" 1.50  
 2" 2.75

## GROUP III—Dendrobium Hybrids

The hybrids in this section are built around Dend. Veratrifolium and its near allies. This species imparts exceptional vigor and freedom of flowering. Spikes are numerous and very long, falling into arching sprays of dainty flowers. Individual flowers are small to medium. Most spectacular as display plants.

366—*Sander's Crimson x Veratrifolium*—Pastel shades of lavender to blue-lavender.  
 3" 4.50  
 4" 7.50

367—*Strattokai x Veratrifolium*—Cream to yellow and white.  
 5" 12.50

368—*Lady Mc (Hawaii x Grantii)*—Lavender to white and blue.  
 4" 10.00  
 5" 15.00

369— <i>Neo Hawaii x Veratrifolium</i>	Pale pastel to white with blue lip.	4" 7.50
		5" 12.50
370— <i>Abigail (Pauline x Veratrifolium)</i>	Deep purple to pale pastels and blues.	4" 7.50
		5" 12.50
371— <i>Veratrifolium</i>	The species itself, white with blue-lavender lip.	3" 5.00
		4" 12.50
372— <i>May Neal Blue var. x Veratrifolium</i>	Should produce a predominance of blue.	3" 5.00
		4" 12.50
373— <i>Lester McCoy x Sunda Island</i>	Some blues, white, pastel, to green. Both parents were green.	3" 5.00
374— <i>Hawaii Nui x Grantii</i>	White to pastel lavender. Very free flowering.	4" 7.50
375— <i>Louisea x Oahu</i>	Both parents good blues. Should make a fine blue.	1½" 1.75
		2" 3.00
376— <i>Blue Hawaii (Superbiens x Veratrifolium)</i>	Deep purple to purple-blue and blue.	5" 15.00

#### GROUP IV — *Dendrobium* Hybrids

Feature parent of this section is *Dend. Taurinum*, or the Bull's Horn Orchid. The spikes are heavily flowered, generally upright. Plants make beautiful specimens. Individual flowers are quite large. Plants must usually attain large size to flower freely.

377— <i>T. Shioi (Gouldii x Taurinum)</i>	One of the darkest hybrids. Deep yellow-bronze.	1½" 1.25
2" 2.50	3" 4.50	4" 6.50

378— <i>Bacchus (Taurinum x Pauline)</i>	Very large. A fine lavender to some yellow-bronze.	5" 15.00
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379— <i>Agnes Ann (Hawaii x Taurinum)</i>	Very good; yellow, bronze to deep lavender.	1½" 1.75
2" 3.00	3" 5.00	4" 10.00

380— <i>442nd Infantry (Taurinum x Veratrifolium)</i>	White to blue and lavender blue. Very large flowers.	3" 5.00
4" 7.50	5" 12.50	6" 15.00

381— <i>Kathleen Kagawa (Neo Hawaii x Taurinum)</i>	Pale pastels to blues. Large flowers.	3" 5.00
4" 7.50		5" 12.50

382— <i>Taurus (Taurinum x Undulatum)</i>	Brown, yellow to red bronze.	3" 5.00
4" 7.50		5" 12.50

383— <i>Shibata x Johannis</i>	Brown to deep golden yellow.	5" 12.50
4" 7.50		

384— <i>Taurus x Shibata</i>	Deep bronze, red, and yellow.	3" 5.00
4" 7.50		5" 12.50

385— <i>100th Battalion x Shibata</i>	Yellow and greens.	3" 5.00
1½" 1.50	2" 2.75	

386— <i>T. Kodama x 442nd Infantry</i>	Definite Taurinum shape. Yellow undertone flushed lavender and blue.	3" 5.00

387— <i>Taurinum x T. Kodama</i>	Deep dark purple. Taurinum shape.	2" 3.00

388— <i>Owen x T. Kodama</i>	Bronze-red to yellow to dark lavender.	1½" 1.50
2" 2.75		3" 5.00

389— <i>Lester McCoy x Taurinum</i>	Deep lavender-bronze.	2" 2.75

390— <i>T. Kodama x Alice Spaulding</i>	Green to yellow. Taurinum shape.	1½" 1.50
		4" 6.00
391— <i>Caesar x T. Shioi</i>	White to yellow base, flushed dark lavender.	1½" 1.75
392— <i>Helen Bromley x Taurinum</i>	Very dark lavender. Taurinum shape.	1½" 1.50
393— <i>Bali x Shibata</i>	Very dark lavender purple.	
	3" 5.00	4" 7.50
		5" 12.50
394— <i>May Neal x T. Shioi</i>	Deep yellow bronze.	
	1½" 1.75	2" 3.00
		3" 5.00
395— <i>May Neal x Shibata</i>	Green to yellow-bronze.	
	1½" 1.75	3" 5.00
		4" 8.50
		5" 15.00
396— <i>Malihini (Caesar x Taurinum)</i>	Very large white with crimson markings.	
	2" 3.00	3" 5.00
		4" 10.00
397— <i>Bali x T. Shioi</i>	Very dark lavender-purple.	
	1½" 1.50	2" 2.75
398— <i>May Neal "Copper King" x Helen Bromley</i>	Large bronze-yellow.	
	1½" 1.75	2" 3.00
399— <i>Helen Bromley x Shibata</i>	Green to yellow; very large.	
	2" 2.75	3" 5.00
400— <i>Taurinum x Self</i>	A very fine strain from seed.	
	1½" 1.75	2" 3.00
401— <i>Takami Kodama (Taurus x Taurinum)</i>	Deep lavender-bronze to yellow.	
	2" 3.00	
402— <i>Kauai x T. Kodama</i>	White to cream with deep purple markings.	
	2" 3.00	
403— <i>Hawaii Nui x Taurinum</i>	Large, deep red-lavender.	
	1½" 1.75	2" 3.00
404— <i>Bernice x Taurinum Alba</i>	Yellow bronze to dark lavender-bronze.	
	2" 3.00	
405— <i>Aloha x Taurinum Alba</i>	Yellow-bronze to lavender.	
	2" 3.00	
406— <i>Joan Tani x T. Kodama</i>	Deep lavender-bronze, some yellows.	
	1½" 1.50	3" 5.00
407— <i>Owen x Shibata</i>	Deep lavender-bronze; large size.	
	3" 5.00	
408— <i>Lois Anderson x T. Kodama</i>	Dark lavender-purple.	
	1½" 1.75	3" 6.00
409— <i>Verashibata x Taurinum</i>	Very dark crimson-purple.	
	1½" 1.50	3" 5.00
410— <i>Owen x T. Shioi</i>	Yellow to bronze-lavender.	
	1½" 1.50	3" 5.00
411— <i>T. Kodama x May Neal</i>	Yellow to bronze.	
	1½" 1.75	3" 6.00
412— <i>Pauoa x T. Kodama A.M.H.O.S.</i>	Deep purple-red to lavender-bronze.	
	1½" 1.75	3" 6.00
413— <i>Marietta Chang x Taurinum</i>	Yellow to lavender-bronze.	
	1½" 1.50	3" 5.00
414— <i>Louis Bleriot x T. Kodama A.M.H.O.S.</i>	Exceptionally dark lavender.	
	1½" 1.75	3" 6.00
415— <i>Sanders Crimson x T. Kodama A.M.H.O.S.</i>	— Long sprays; dark lavender.	
	1½" 1.75	3" 6.00
416— <i>Shibata x T. Shioi</i>	Deep yellow-bronze to green.	
	2" 2.75	3" 5.00
		4" 8.50

## GROUP IV—DENDROBIUM HYBRIDS (Cont'd)

417— <i>Shibata x Joanne Sawers</i>	—Green to yellow cream.	
2" 2.50		3" 4.50
418— <i>Aileen Lang x T. Shioi</i>	—Purple-bronze to gold flush.	
1½" 1.50	2" 2.75	3" 5.00
419— <i>100th Battalion x Alice Spaulding</i>	—Green to yellow-bronze.	
	2" 2.50	3" 4.50
420— <i>Alice Spaulding x Shibata</i>	—Green to yellow-bronze.	
4" 7.50		5" 12.50
421— <i>Tokai Tenny x Helen Bromley</i>	—Golden yellow to green-bronze.	
	4" 7.50	5" 12.50
422— <i>Kamaaina (Jacqueline Thomas x T. Shioi)</i>	—Yellow-bronze to lavender-purple.	
	1½" 1.50	2" 2.75
423— <i>Wilhelm Stuber x Shibata</i>	—Deep lavender-bronze.	
	1½" 1.50	
424— <i>Owen x Helen Bromley</i>	—Red-bronze to yellow.	
2" 2.50		3" 4.50
425— <i>Hawaii x T. Shioi</i>	—Deep lavender-bronze to red-yellow.	
	1½" 1.50	2" 2.75
426— <i>Grace Goo x T. Kodama</i>	—Dark lavender-purple.	
1½" 1.75		2" 3.00
427— <i>Beach Girl x T. Kodama</i>	—Dark golden bronze to yellow.	
	1½" 1.75	2" 3.00
428— <i>Ethel Kawamoto x T. Kodama</i>	—Yellow to bronze-lavender.	
	1½" 1.75	
429— <i>Taurus x 100th Battalion</i>	—Red-bronze to brown-yellow.	
3" 4.50		4" 7.50
430— <i>Shibata x Self</i>	—Green to deep yellow.	
	3" 5.00	
431— <i>Bernice x T. Kodama A.M.H.O.S.</i>	—Very large lavender-bronze.	
	1½" 1.75	2" 3.00
432— <i>Pauline x Taurus</i>	—Lavender-bronze to yellow and red.	
4" 6.00	5" 12.50	6" 15.00
433— <i>T. Shioi x Johannis</i>	—Yellow with dark chocolate tips on the petals.	
	1½" 1.25	2" 2.50
434— <i>Brisbane x Alice Spaulding</i>	—Blue to lavender-bronze.	
	1½" 1.25	
435— <i>Verashibata x Dana</i>	—Dark green to yellow.	
1½" 1.25		3" 4.50
436— <i>Mildred Kazumura x Taurinum</i>	—White to cream, lavender flush.	
	1½" 1.50	
437— <i>Taurus x Alice Spaulding</i>	—Yellow to brown; large size.	
	2" 2.50	3" 4.50
438— <i>Caesar x T. Shioi</i>	—Heavy texture; lavender-bronze.	
1½" 1.50		2" 2.75
439— <i>Helen Bromley (Taurus x Tokai Woodlawn)</i>	—Yellow-brown. Very free flowering.	
	1½" 1.25	
440— <i>Taurus (Taurinum x Undulatum)</i>	—Very free flowering; bronze.	
	1½" 1.50	
441— <i>Bacchus x Tokai Woodlawn</i>	—Very dark purple-bronze.	
	1½" 1.75	
442— <i>Bacchus (Pauline Taylors x Taurinum Tenny)</i>	—This is a remake with the original parents, that produced the famous Goddess of Wine variety. Very dark large flowers.	
1½" 1.50	2" 2.75	3" 5.00
		4" 8.50

## GROUP V — Dendrobium Hybrids

The feature parent here is *Dendrobium Undulatum*. This year we are including a sub-section for the fine variety type *Broomfieldii* hybrids. These we think have tremendous possibilities.

*Undulatum* imparts waved or undulated sepals and petals, long spikes, and exceptional plant vigor. Many beautiful things in this section.

## GROUP V-A—Dendrobium Hybrids

Hybrids using the various type forms of *Dend. Undulatum*.

443— <i>Undulatum x 442nd Infantry</i>	—Very dark flowers; wine-lavender to chocolate-bronze.	4" 7.50
5" 12.50		6" 15.00

444— <i>Owen (Sanders Crimson x Undulatum)</i>	—One of the finest in this group. Wide range of color, lavender to bronze flush to reds.	1½" 1.75
3" 5.00	4" 10.00	5" 15.00

445— <i>Mildred Kazumura x Undulatum</i>	—Yellow to cream and green.	3" 5.00
4" 8.50		5" 15.00

446— <i>May Neal x Undulatum</i>	—Sure to produce fine things. Yellow to bronze.	1½" 1.75
2" 3.00	3" 6.00	4" 10.00

447— <i>Hula Girl (Hawaii x Undulatum)</i>	—Very dark colors with gold and bronze flush.	2" 3.00
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448— <i>Undulatum x Johannis</i>	—Deep golden yellow, flushed dark purple.	3" 4.50
		4" 7.50

449— <i>Aileen Lang x Shibata</i>	—Of great promise; green to gold bronze.	3" 5.00
4" 8.50		5" 15.00

450— <i>Aileen Lang x Undulatum</i>	—Deep golden yellow; flushed dark purple.	3" 5.00
4" 8.50		5" 15.00

451— <i>Aileen Lang x Helen Bromley</i>	—Similar to #449 but larger flower, not so waved.	3" 5.00
4" 8.50		5" 15.00

452— <i>Hula Girl x Undulatum</i>	—Golden Bronze to red-purple.	4" 8.50
		5" 15.00

453— <i>T. Kodama x Undulatum</i>	—Yellow, bronze, to salmon.	2" 2.50
	3" 4.50	4" 7.50

454— <i>Undulatum x Helen Bromley</i>	—Golden yellow; large size.	1½" 1.25
		5" 15.00

455— <i>100th Battalion x Undulatum</i>	—Peach, yellow to salmon.	3" 4.50
		5" 15.00

456— <i>Frances Morley (Hula Girl x Taurinum)</i>	—Very dark purple; large size.	4" 10.00
		5" 15.00

457— <i>Winifred Morley (Hula Girl x Shibata)</i>	—Dark purple to lavender-bronze and yellow.	3" 4.50
	4" 7.50	5" 15.00

458— <i>Louis Bleriot x Undulatum</i>	—Exceptionally dark purple.	5" 15.00
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459— <i>Toftii x Undulatum</i>	—Dark lavender; large lip.	1½" 1.50
		2" 2.75

460— <i>Neo Hawaii x Undulatum</i>	—Dark lavender, good size.	3" 4.50
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461— <i>Undulatum</i> x <i>Self</i> —A fine strain from seed. Bronze-yellow.	1½" 1.25 3" 4.50
462— <i>Joan Tani</i> x <i>Undulatum</i> —Yellow with bronze-red flush. 1½" 1.25	3" 4.50
463— <i>Undulatum</i> x <i>T. Shioi</i> —Deep yellow-bronze flush.	3" 4.50
464— <i>Alice Hong</i> x <i>Ethel Kawamoto A.M.H.O.S.</i> — Dark lavender; long sprays.	1½" 1.50 3" 5.00
465— <i>Owen</i> x <i>Ethel Kawamoto A.M.H.O.S.</i> —Deep yellow to bronze; long sprays.	1½" 1.75 3" 6.00
466— <i>Ethel Kawamoto A.M.H.O.S.</i> x <i>Self</i> — A self of this famous yellow hybrid.	1½" 1.75 3" 6.00
467— <i>Grace Goo</i> x <i>Hula Girl</i> —Dark lavender to yellow-bronze.	1½" 1.50
468— <i>Ethel Kawamoto</i> x <i>Hula Girl</i> —Yellow and bronze combinations.	1½" 1.50 3" 5.00
469— <i>Wilhelm Stuber</i> x <i>Ethel Kawamoto A.M.H.O.S.</i> —Deep lavender-bronze to yellow.	1½" 1.75 3" 6.00
470— <i>Dark Victory</i> x <i>Ethel Kawamoto A.M.H.O.S.</i> —An exceptionally fine combination for yellow to lavender-bronze.	1½" 1.75 3" 6.00
471— <i>T. Kodama</i> x <i>Hula Girl</i> —Rich, dark red-purple.	1½" 1.50 2" 2.75
472— <i>Owen</i> x <i>Hula Girl</i> —Long sprays; lavender bronze.	2" 2.75 3" 5.00
473— <i>Undulatum</i> x <i>Shibata</i> —Deep green-yellow.	1½" 1.50 2" 2.75
474— <i>Pauline dark</i> x <i>Curlylocks</i> —Deep lavender-bronze.	1½" 1.50
475— <i>Ursula</i> x <i>Champagne</i> —Deep bronze-yellow.	1½" 1.50
476— <i>Hula Girl</i> x <i>Jacqueline Thomas</i> —Long spikes; dark lavender.	1½" 1.50
477— <i>Undulatum</i> x <i>Madam Pompadour</i> — Dark lavender; long spikes.	1½" 1.75
478— <i>Shibata</i> x <i>Hula Girl</i> —Red to bronze and yellow.	1½" 1.50

**GROUP V-B—Dendrobium Hybrids**

New this year the feature parent is that superb species Dend. Undulatum var. Broomfieldii. Very heavy texture clear green chartreuse color. We have every confidence these hybrids will prove to be outstanding.

479— <i>Bronze Queen</i> x <i>Broomfieldii</i> —Deep butter yellow to gold.	1½" 1.50
480— <i>Joanne Sawers</i> x <i>Broomfieldii</i> — Cream yellow to chartreuse.	1½" 1.50
481— <i>Lester McCoy</i> x <i>Broomfieldii</i> —Dark green; exceptionally long spikes.	1½" 1.75
482— <i>Agnes Ann</i> x <i>Broomfieldii</i> —Yellow to gold; large size.	1½" 1.75
483— <i>Schuleri</i> x <i>Broomfieldii</i> —Deepest green; very large size.	1½" 1.75
484— <i>Bacchus</i> x <i>Broomfieldii</i> —Deep purple-bronze to gold-red.	1½" 1.75
485— <i>May Neal</i> x <i>Broomfieldii</i> —Golden yellow to butter.	1½" 1.75
486— <i>Pamela Kirch</i> x <i>Broomfieldii</i> — Yellow to lavender-bronze.	1½" 1.75

487— <i>Broomfieldii</i> x <i>Dana</i> —Very dark green.	1½" 1.75
488— <i>Constance</i> x <i>Broomfieldii</i> —Dark straw yellow to gold.	1½" 1.75
489— <i>Hula Girl (Hawaii green gold</i> x <i>Broomfieldii</i> )—A pure green form of Hula girl.	1½" 1.75
490— <i>Hawaii Nui</i> x <i>Broomfieldii</i> —Dark lavender-bronze.	1½" 1.75

**GROUP VI—Dendrobium Hybrids**

Here we feature Dend. Gouldii. These plants are proving more valuable all the time. Compact sturdy plants of tremendous vigor and flower production. Many of them show intense color. We divide the group between the two basic types of this species; the yellow and the blue forms.

**GROUP VI-A—Dendrobium Hybrids**

These crosses involve the yellow and brown forms of Dend. Gouldii.

491— <i>Michael Kirch (Ursula</i> x <i>Gouldii</i> )—The most vigorous and free flowering Dendrobium we have ever seen. Yellow and brown in color.	6" 12.50 7" 15.00
492— <i>Lava (Gouldii</i> x <i>Paul</i> )—Red to almost black and dark brown. Good grower.	5" 12.50 6" 15.00
493— <i>Taurus</i> x <i>Gouldii</i> —Bronze to yellow with dark tips.	5" 12.50 6" 15.00
494— <i>Owen</i> x <i>Gouldii</i> —Lavender-bronze to yellow.	1½" 1.25 2" 2.50 3" 4.50
495— <i>Brisbane</i> x <i>Gouldii</i> —Dark lavender to purple-blue.	4" 7.50 5" 10.00
496— <i>Gouldii</i> x <i>T. Kodama</i> —Yellow to yellow-bronze.	5" 12.50
497— <i>Clarence Tani (Helen Bromley</i> x <i>Gouldii</i> )—Large size, golden yellow.	4" 10.00 5" 15.00
498— <i>Louisea</i> x <i>Gouldii</i> —Blue to deep lavender.	1½" 1.75 2" 3.00
499— <i>Grace Goo</i> x <i>Dana</i> —Deep green to yellow.	1½" 1.25 2" 2.50
500— <i>Salak</i> x <i>Gouldii</i> —Yellow to brown.	3" 4.50
501— <i>Hawaii-Chrysotoxum</i> x <i>Gouldii</i> —Deep red-purple.	3" 4.50
502— <i>Prince Akihito (May Neal</i> x <i>Gouldii</i> )—Yellow to red and bronze with dark tips.	1½" 1.75 3" 5.00 4" 10.00
503— <i>Kukui</i> x <i>Gouldii</i> —Yellow to lavender-bronze.	1½" 1.25 3" 4.50
504— <i>Gouldii</i> x <i>Ethel Kawamoto A.M.H.O.S.</i> —Deep yellow with chocolate tips.	1½" 1.75 3" 6.00
505— <i>Tokai Fiji</i> x <i>Gouldii</i> —Deep yellow-green; dark tips.	1½" 1.25 2" 2.50
506— <i>Beach Girl</i> x <i>Gouldii</i> —Large yellow-bronze.	1½" 1.75 2" 3.00
507— <i>Bronze Queen</i> x <i>Gouldii</i> —Deep green-yellow to bronze.	5" 15.00
508— <i>Queensland</i> x <i>Gouldii</i> —Dark lavender to bronze.	3" 4.50
509— <i>Gouldii</i> x <i>Mem. Marietta Change</i> — Green to deep yellow-bronze.	3" 4.50
510— <i>Hawaii var. Green Gold</i> x <i>Gouldii</i> — Green-yellow; chocolate tips.	5" 12.50

## GROUP VI-A—DENDROBIUM HYBRIDS (Cont'd)

511—(Pauline x Grantii) x Gouldii	Lavender-bronze; long sprays.	1½" 1.50 2" 2.75
512—Moanalua x Gouldii	Deep purple-bronze; very dark.	1½" 1.75 2" 3.00
513—Mildred Wakayama x Grace Goo	Very long sprays; red-bronze to yellow.	1½" 1.50
514—Gouldii x Hula Girl	Yellow to bronze; very free flowering.	1½" 1.50
515—Pauoa x Gouldii	Purple bronze; good size.	1½" 1.50
516—Alice Spaulding x Gouldii	Green-yellow to bronze; free flowering.	5" 10.00 6" 15.00
517—Gouldii x Pseudo	Yellow to bronze-lavender; very long horn-like petals.	1½" 1.50 2" 2.75
518—Gouldii x Schuleri	Green to yellow with dark tips.	1½" 1.50 2" 2.75
519—Caesar x Gouldii	Lavender-bronze; large size.	1½" 1.50

## GROUP VI-B—Dendrobium Hybrids

These crosses involve the beautiful and rare blue forms of Dend. Gouldii. This species was only recently discovered and offers great promise as a parent.

520—Robbie Camp x Gouldi Acutum	Deep purple-blue.	2" 3.00 3" 5.00
521—Blue Boy x Gouldii Acutum	Clear blue to purple-blue.	2" 3.00 3" 5.00
522—Prince Akihito (May Neal x Gouldii Blue)	Dark purple to deep bronze.	1½" 1.75 3" 5.00
523—Neo Hawaii var. Seafoam x Gouldii Blue	Light blue flush over white.	3" 5.00
524—Salak x Gouldii Blue	Deep purple-blue to bronze.	3" 4.50
525—Jacqueline Thomas (Phal. Schroderianum Alba x Gouldii Blue)	Light to medium lavender-blue.	3" 4.50
526—Owen Yellow var. x Gouldii Blue	Hard to predict; yellow to blue.	1½" 1.50 3" 4.50
527—Grace Goo x Gouldii Blue	Very dark colors; many blues.	1½" 1.50 3" 4.50
528—Blue Hawaii x Gouldii Blue	Deep purple-blue.	1½" 1.50 3" 4.50
529—Mildred Kazumura var. Ivory x Gouldii Blue	Light cream with sky blue marking.	1½" 1.50 3" 4.50
530—Gouldii Blue var. x Self	A chance to obtain this rare species from seed.	1½" 1.75
531—Louis Bleriot x Gouldii Blue	Very dark purple-blue.	1½" 1.50 3" 4.50
532—Walter Carter x Gouldii Blue	White, light blue markings.	1½" 1.25 3" 4.00
533—Ethel Kawamoto A.M.H.O.S. x Gouldii Blue	Very dark purple-bronze.	1½" 1.75 3" 5.00
534—Taurinum x Gouldii Blue	Large flowers; white marked very dark purple.	1½" 1.50 3" 4.50
535—Louisea x Blue Canal	Two of our best blues. Should produce a good blue hybrid.	1½" 1.50 2" 2.75

## GROUP VII—Dendrobium Hybrids

In this we feature Dend. Toftii as the primary parent. A rare species until recently, it produces very large flowers with a big wide lip. Shape very similar to the Taurinum section.

536—Mildred Kazumura x Toftii	Deep lavender to blue-lavender.	3" 5.00 4" 9.50 5" 12.50
536A—Colin Potter (Toftii x Phalaenopsis)	Large lavender with huge lip.	2" 2.75 3" 5.00
536B—Ukio White x Toftii	White, blue overcast.	1½" 1.50 2" 2.75
537—Blue Boy x Toftii	Principally blue to blue-lavender.	1½" 1.50 2" 2.75
537A—(Lester McCoy x Veratrifolium) x Toftii	A good clear blue.	1½" 1.25
538—Louisea x Toftii	Two excellent blue parents. Should give good blues.	2" 2.75
539—T. Kodama x Toftii	Large dark purple flowers.	1½" 1.50
540—Shibata x Toftii	Very dark lavender-bronze.	2" 4.50
541—Caesar x Toftii	White, lighter blue markings.	3" 5.00 4" 9.50
542—Tokai Fiji x Toftii	Green to yellow-bronze.	2" 2.75 3" 4.50
543—May Neal x Toftii	Bronze-yellow to lavender-bronze.	1½" 1.75 2" 3.00
544—Joanne Sawers x Toftii	Cream to bronze and blue.	1½" 1.50 2" 2.75
545—442nd Infantry x Toftii	Two fine blues. Very tall growing plants.	1½" 1.50 2" 2.75
546—Veratrifolium x Toftii	White with deep purple-blue overcast.	1½" 1.25
547—Toftii x Grantii	White, overcast light blue.	1½" 1.25

## GROUP VIII—Dendrobium Hybrids

This features Dend. Schuleri and its hybrids. These have become very popular. They produce large flowers, heavy texture, and have wonderful flowering performance. We have increased our breeding in this section more than in any other one. We believe this year's listing to be the most complete even to be offered in the world.

548—May Neal x Shibata	Exceptionally large; yellow to green.	2" 3.00 3" 5.00 4" 8.50
549—Beach Girl x Taurinum	Deep lavender-bronze to dark purple.	4" 8.50
550—May Neal x Taurinum	Very similar to #549.	1½" 1.75 2" 3.00 3" 5.00 5" 12.50
551—Joanne Sawers x Schuleri Thomas var.	Bronze to lavender-bronze.	1½" 1.50
551A—Schuleri x Taurinum	Large bronze-purple.	1½" 1.50
552—Caesar x Schuleri Thomas var.	Bronze to lavender-bronze. Very large.	3" 5.00 4" 8.50

553—Blue Bonnet (May Neal Blue var. x Mountain Haze Blue var.)—A fine new blue; very dark, some heavy gold flush.	
2" 3.00	3" 5.00
4" 8.50	
554—May Neal x Alice Spaulding—Large green-yellow to bronze.	
2" 3.00	1 1/2" 1.75
3" 5.00	3" 5.00
555—May Neal x Tokai Fiji var.—Deep yellow-green.	
2" 3.00	3" 5.00
4" 8.50	
556—Owen x May Neal—Bronze to lavender-bronze.	
1 1/2" 1.75	3" 5.00
557—Shibata x Schuleri Thomas var.—Large green to yellow.	
2" 3.00	1 1/2" 1.75
3" 5.00	5" 12.50
558—Joanne Sawers x May Neal—Cream to chartreuse.	
1 1/2" 1.50	3" 4.50
559—Salak x May Neal—Brown to bronze-yellow.	
1 1/2" 1.50	2" 3.00
3" 4.50	3" 4.50
560—Ethel Kawamoto A.M.H.O.S. x May Neal—Very large green-yellow.	
1 1/2" 1.75	3" 5.00
561—Alice Hong x May Neal—Dark lavender; large size.	
1 1/2" 1.50	3" 4.50
562—May Neal var. Copper King x Dr. Krause—Large yellow-bronze.	
1 1/2" 1.75	3" 5.00
2" 3.00	
563—May Neal x T. Shioi—Bronze yellow; very dark.	
2" 2.75	3" 4.50
5" 12.50	
564—Mildred Kazumura x Schuleri—Deep yellow to dark green; large flowers.	
1 1/2" 1.75	2" 3.00
565—Mem. Marietta Chang x Schuleri—Chartreuse to lemon yellow.	
1 1/2" 1.75	2" 3.00
566—Gouldii Ferriera x Schuleri—Deep purple-bronze. Free flowering.	
1 1/2" 1.75	2" 3.00
567—Owen x Schuleri—Yellow to lavender-bronze.	
1 1/2" 1.75	2" 3.00
568—Lois Anderson x Schuleri—Very dark purple-bronze.	
1 1/2" 1.75	2" 3.00
569—May Neal x Schuleri—Very fine green to yellow.	
1 1/2" 1.75	2" 3.00
570—Lester McCoy x Schuleri—Long sprays; green yellow.	
1 1/2" 1.50	2" 2.75
571—May Neal (Hawaii Bronze var. x Schuleri)—A remake of this famous hybrid.	
1 1/2" 1.75	2" 3.00
572—Kuakini x Schuleri—Lavender bronze; long sprays.	
1 1/2" 1.50	2" 2.75
573—May Neal x Undulatum var. Negus—Very dark gold-bronze.	
1 1/2" 1.50	2" 2.75
574—Bangkhen x Schuleri—Very large; green-yellow.	
1 1/2" 1.75	2" 3.00
575—May Neal x Constance—Deep golden yellow; twisted petals.	
1 1/2" 1.75	2" 3.00
576—Schuleri x Dana—Very dark green.	
1 1/2" 1.75	2" 3.00
577—Schuleri x Schuleri—The rare species between two selected green forms.	
1 1/2" 1.75	2" 3.00



No. 571—Dendrobium May Neal

578—Schuleri x Schuleri Thomas var.—The rare species between a green and the bronze Thomas var.	1 1/2" 2.25
2" 3.50	
579—Violaceoflavens x Schuleri—Very free flowering; green-yellow.	1 1/2" 1.75
2" 3.00	
580—May Neal x Undulatum Broomfieldii—Clear yellow; very heavy texture.	1 1/2" 1.75
581—(Shibata x 100th Battalion) x Schuleri—Very large flower; green-yellow.	1 1/2" 1.75
582—Schuleri x Tokai Woodlawn—Very dark green; clear color.	1 1/2" 1.75
583—Schuleri x Toftii—Large flower; lavender-bronze.	1 1/2" 1.75
584—Aileen Lang x Schuleri—Bronze to red to yellow.	1 1/2" 1.75
585—Schuleri x Shibata var. Woodlawn—Very large flower; clear green.	1 1/2" 1.75
586—Alice Spaulding x Schuleri—Large flower; green to yellow.	1 1/2" 1.75
587—Bangkhen (Schuleri x Stratiotes)—Large flowers; golden bronze to yellow.	1 1/2" 1.75
588—May Neal x Mem. Marietta Chang—Large flower; green-yellow.	1 1/2" 1.75
2" 3.00	
589—May Neal x Taurinum Alba—White, flushed gold-bronze.	1 1/2" 1.75
2" 3.00	
590—May Neal x Grace Goo—Dark yellow with very dark overcast of red to black.	1 1/2" 1.75
2" 3.00	
591—Gouldii x Schuleri—Yellow to green, purple tips on petals.	1 1/2" 1.50
2" 2.75	
592—May Neal x T. Kodama A.M.H.O.S.—Very dark purple-bronze.	1 1/2" 1.75
2" 3.00	
593—Mem. Marietta Chang x Beach Girl—Dark green to yellow-bronze.	1 1/2" 1.75
594—Beach Girl x Pauline—Deep lavender-bronze.	2" 2.75
1 1/2" 1.50	
595—Madam Pompadour var. Hoshino A.M.H.O.S. x Schuleri Thomas var.—Very dark lavender-bronze.	1 1/2" 2.25
596—Bronze Queen x T. Kodama A.M.H.O.S.—Very dark purple-bronze; large size.	1 1/2" 2.25

No. 626—*Dendrobium Woodlawn*

## GROUP VIII—DENDROBIUM HYBRIDS (Cont'd)

597—*Strattokai x Schuleri* — Large green flowers; heavy texture. 1½" 1.75

598—*Sun Tan (Bronze Queen x Dana)*—Green to yellow-bronze. 3" 5.00

599—*Brown Derby (Jacqueline Thomas x Schuleri Thomas var.)*—Bronze-red to gold; long spikes. 3" 5.00  
4" 9.50 5" 12.50

599A—*Hawaii var. Luminosa Aurea x Schuleri*—Dark green, purple lip. 1½" 1.75

599B—*May Neal x Sunset*—Deep golden bronze. 1½" 1.75

## GROUP IX—Dendrobium Hybrids

The feature parents here are the rare Dend. Aeries hybrids. Best known is the fine green Dend. Janice Tanaka. Shape is like Taurinum but they contain some wonderful green and dark lavender colors.

600—*Undulatum x Janice Tanaka*—Yellow to green. 1½" 1.50 3" 4.50

601—*Rose Chang (Shibata x Janice Tanaka)*—Deep yellow to green. 2" 3.00 3" 5.00 4" 10.00 1½" 1.75

602—*Strattokai x Janice Tanaka*—Peach to pale yellow. 1½" 1.75 4" 10.00

603—*T. Kodama x Janice Tanaka*—Peach to pale yellow. 3" 5.00 4" 10.00

604—*T. Shioi x Janice Tanaka*—Very dark bronze-yellow. 1½" 1.50 2" 2.75 4" 8.50

605—*Hawaii Nui x Janice Tanaka*—Deep lavender-bronze. 2" 2.75

606—*442nd Infantry x Janice Tanaka*—Dark purple to lavender-bronze. 4" 10.00 3" 5.00 5" 12.50

607—*Alice Spaulding x Janice Tanaka*—Deep green with dark purple markings. 3" 5.00

608—*Helen Bromley x Janice Tanaka*—Yellow to bronze. 1½" 1.50

609—*Owen x Janice Tanaka*—Lavender-bronze to yellow. 2" 2.75 3" 5.00

610—*May Neal x Janice Tanaka*—Large yellow to bronze. 1½" 1.75 2" 3.00 3" 5.00 4" 10.00

611—*Bacchus var. Goddess of Wine x Janice Tanaka*—Very dark wine purple. 2" 3.00 1½" 1.75

612—*Grace Goo x Janice Tanaka*—Yellow to bronze. 1½" 1.50 2" 2.75

613—*Gouldii x Janice Tanaka*—Dark yellow-bronze. 1½" 1.50 2" 2.75 3" 4.50

614—*Jacqueline Thomas x Janice Tanaka*—Yellow to lavender-bronze. 2" 2.75

615—*Phalaenopsis-Chrysotoxum x Janice Tanaka*—Very dark lavender to purple-bronze. 2" 2.75 3" 4.50

616—*Skylark x Dana Blue var.*—High proportion of blues. 2" 2.75 4" 8.50

617—*Beach Girl x Janice Tanaka*—Bronze-yellow. 1½" 1.75 2" 3.00

618—*Queensland Bronze var. x Janice Tanaka*—Lavender-bronze to yellow. 1½" 1.50

619—*Lady Mc Blue var. x Janice Tanaka*—Deep purple-blue. 1½" 1.50

620—*Joan Tani x Janice Tanaka*—Dark purple-red to bronze. 1½" 1.50 2" 2.75

621—*Eloise Shioi x Janice Tanaka*—Long sprays; yellow-bronze. 1½" 1.50 2" 2.75

622—*Dana x Janice Tanaka*—Green, much like Aeries parent. 1½" 1.50 2" 2.75

623—*Hazel M. Joseph x Janice Tanaka*—Red-bronze to lavender-bronze. 1½" 1.50 2" 2.75

624—*Mildred Kazumura x Janice Tanaka*—Ivory to green-yellow. 1½" 1.75

625—*Janice Tanaka x Tokai Woodlawn*—Very clear dark green. 1½" 1.75

## GROUP X—Dendrobium Hybrids

A new grouping this year, this contains hybrids in the Dend. Macrophyllo section. They are quite rare and unique. Very heavy texture with bizarre and intriguing flowers. Stock is limited as it is quite difficult to get seed in this section.

626—*Woodlawn (Spectabile x Atroviolaceum)*—A very rare and bizarre hybrid of the Spectabile type. 2" 3.00 4" 10.00 5" 12.50 6" 15.00 7" 18.50 1½" 1.75

627—*Atroviolaceum x Macrophyllo*—Cream white, violet spots with violet lip. 2" 3.00 3" 4.50 4" 8.50 1½" 1.75

628—*Atroviolaceum x Undulatum*—A very rare cross; cream to yellow, violet spots. 4" 12.50

629—*Macrophyllo x May Neal*—Another rare one; golden yellow, heavy texture. 3" 7.50 4" 12.50

630—*Atroviolaceum*—One of the loveliest pot plants in existence. Cream white with purple-violet spots, violet lip. A very rare species. 3" 6.00 4" 12.50

## GROUP XI—Dendrobium Hybrids

This is known as the Dend. Dearei group. Lovely evergreen plants; flowers in clusters of three to four and look like white ginger blossoms. They last on the plants for months and make wonderful cut flowers.

631—*Nelly Sander (Dearei x Formosum)*—Large white, yellow throat. 5" 13.50 4" 10.00 6" 16.50

632—*Thomas Warne (Sanderae Major x Schutzei)*—The finest hybrid ever produced in this section. Exceptional size. Pure white. 2" 3.00 1½" 1.75 3" 6.00

GROUP XII—*Dendrobium* Hybrids

We are listing here the pendulant types of *Dendrobiums* of both the *Nobile* and *Superbum* types. They are quite distinct and make lovely spring-flowering plants. All of these will flower freely even in warm climates.

633—*Tamagawa* (*Cybele* x *Lady Colman* var. *King George*)—A deep yellow nobile type. Flowering size 12.50

634—*Nestor* x *Superbum* var. *Giganteum*—A large dark purple superbum type. 1½" 1.50

635—*Nestor* (*Parishii* x *Superbum*)—Heavy texture; dark purple. logs 7.50

636—*Plumptonense* (*Cybele* x *Nobile*)—Very free flowering. Large lavender flowers, black-purple lip. Flowering size 15.00

## DICHAEA

Small tufted epiphytal orchids of miniature habits. Require lots of water at all times. Grow in the shaded part of the Cattleya house.

637—*Muricata* (Central America)—Lovely miniature with pink flowers. 1½" 4.50  
2" 6.00

## EPIDENDRUM

A most diverse genus of plants from the new worlds of very easy culture. They require similar conditions to Cattleyas but more light. They are divided into two distinct groups, reed stem types and those with pseudobulbs.

638—*Alatum* (Guatemala)—Summer. Pseudobulbous type; stems terminal; long spikes; green brown flowers. Flowering size on logs 7.50

639—*Atropurpureum* (Tropical America)—Spring. One of the most popular of the *Encyclia* group. Deep rose and purple flowers. 4-5" 7.50  
Flowering size on logs 10.00

640—*Alatum* x *Atropurpureum*—The cross of the above two fine species. 1½" 1.75  
2" 3.00

641—*Ciliare* (Tropical America)—Fall and Winter. Pseudobulbous growth like a Cattleya. Lovely green and white flowers. Flowering size 6.50



No. 632—*Dendrobium Thomas Warne*

642—*Cochleatum* (Tropical America)—Variable flowering season. Pseudobulbous. Flowers green with black-purple cockle shell lip. Very easy to grow and most interesting. 4-5" 7.50  
Flowering size on logs 7.50

643—*Cinnabarinum* (Brazil)—Variable flowering season. This is the finest reed-stem Epidendrum in existence. Our stock all propagated from one super plant. Very large Cinnabar red flowers. 4" 5.00

644—*Eburneum* (Panama)—Fall. A lovely pale green flower in clusters on neat dwarf, miniature plants. Flowering size on logs 6.50

645—*Fragrans* (Tropical America)—Summer and Fall. Pseudobulbous. Large fragrant flowers; creamy white, lip streaked with purple. 4-5" 7.50

646—*Difforme* (Tropical America)—Various. Reed stem; lovely green flowers that appear to be carved out of jade. 5" 7.50

647—*Nemorale* (Mexico)—Summer. Pseudobulbous. Branched flower spikes, 2-3 feet long; many flowered. Flowers rare mauve. Flowering size on logs 7.50

648—*Pringleyei* (Mexico)—Lovely miniature pseudobulbous type. White flowers with red streaks in lip. Flowering size on logs 4.50

649—*Polybulbon* (Tropical America)—Spring. Dwarf miniature; straw yellow flowers. Flowering size on logs 4.50

650—*Brownie* (*Betty Mae* x *Oncidioides*)—Lovely green-brown flowers on tall branched spikes. Spring flowering. 5" 10.00

651—*Riatea* (*Atropurpureum Rosea* x *Sellingera*)—Deep purple-bronze with a rose-colored lip. Pseudobulbous. 5" 10.00



No. 641—*Epidendrum Ciliare*

# HAWAIIAN REED STEM EPIDENDRUM



No. 652—Hawaiian Reed Stem Epidendrum Hybrids



No. 652—Hawaiian Reed Stem Epidendrum, Pink

Probably there is no other orchid plant, or for that matter any other plant including road-side weeds, that can be so simply cultivated. We continually hear from our customers that these plants are always in flower. Our selected varieties are tops in quality and our Rainbow Hybrids are unbeatable for bedding or massing.

**Culture:** Anyone can grow them. They want good light. In most regions, outdoor culture is preferable except when night temperatures fall below 40 degree F. when you should move them inside. They should never get bone dry. Fertilize once every two weeks with any good liquid fertilizer. Pot them in a rich compost of an organic nature, such as old osmunda, oak, mould, peat moss, garden loam, and sand, all mixed together in equal proportions. Pot like a soil plant in about 6" pots. For garden culture, plant them in well drained beds using a similar compost, in full morning sun.

**652—Rainbow Hybrids**—Colors: Red, geranium-red, yellow, lavender, light lavender, pink, rose, dusty rose, peach, fuschia, orange, buff.

4" pots each 3.00  
per dozen 30.00

**Unpotted aerial plantlets (Keikis) each 1.00  
per dozen 8.00**

## SELECTED HYBRIDS

These are individuals selected from thousands as having just a little bit more of everything: better growth, better color, larger flowers. We have given them garden names for identification. They represent the best to be had.

**653—Kokee**—The lovely little white hybrid. 4" 6.00

**654—Orange Glow**—Exceptional size to the individual flowers. Bright salmon orange. We think this is the best hybrid produced to date. 4" 6.00

**655—Eggshell**—Large heads, egg shell color. Bright yellow spot on the lip. 4" 4.50

**656—Butter Ball**—Deep, even butter yellow. Exceptionally large heads of 30-40 flowers. 4" 4.50

**657—Hilo Rose**—Dark red rose color. Very large flower and good heads. 4" 4.50

**658—Brilliance**—Very bright burnt orange with 30-40 flowers in a head. 4" 4.50

**659—King Lavender**—Deep lavender with white center to the lip. Very large heads. 4" 4.50

**660—Kahili**—Dwarf growth. Bright orange flowers. Excellent. 4" 4.50

**661—Purple Heart**—Very rich fuschia purple; large flowers. 4" 4.50

## EPI—CATTLEYA

Hybrids between Epidendrum and Cattleya, all having reed-stem growth. Flowers larger than a normal reed-stem Epidendrum.

662—*Orpetii (A. Amethystoglossa x E. O'Briananum)*—Lovely deep fuchsia-colored flowers. 3½" 4.50  
5" 8.50

663—*Valencia (C. Labiata x E. Brachiophyllum)*—Deep burnt orange; fine heads. 4" 6.00

## ERIA

A genus that is very polymorphic. Principally from the Philippine Islands. Culture as for Oncidiums but not quite so dry.

664—*Convallarioides*—Long spikes of small white flowers that resemble Lily of the Valley. Fragrant, very charming pot plant. 4-5" 7.50

665—*Ornata*—Round bulbs with several heavy green leaves. Long spikes with brilliant orange bracts. On logs 10.00

666—*Species Unidentified*—Upright stems with beautiful foliage. Flowers closely set in the leaves, white with yellow. 6" 10.00

## GRAMMATOPHYLLUM

A large genus of orchids closely allied to Cymbidiums widely found over the Pacific region. Culture as for Cymbidiums except they should be potted in either osmunda or tree fern. Grow in the warm house.

667—*Scriptum (Philippines)*—Long spikes of green and brown flowers, closely set on the stem. A most striking specimen plant. 1½" 1.75  
2" 3.00  
3" 5.00

668—*Scriptum var. Tigrinum (Philippines)*—A larger-flowered form. Cream with black-purple spotting. Baskets 40.00

## HEXESIA

A genus from tropical America. Very interesting plants with jointed pseudobulbs. Culture simple if grown on logs. Grow with Oncidiums.

669—*Bidentata (Panama)*—Lovely scarlet-orange flowers. Most attractive. Flowering size on logs 10.00

## HOMATOPETALUM

Tiny miniature plants of great charm to the collector. They look like a Laelia reduced to the size of a Leptochilus.

670—*Pumilo (Mexico)*—Tiny plants with translucent green flowers larger than the whole pseudobulbs and leaf from which it flowers. 2" pots 4.50  
on logs 4.50

## JACQUIRNELLA

A genus of miniatures from Tropical America. Very charming little plants with heavily foliated upright stems.

671—*Unidentified Species*—Plants about 3" high. Neat foliage. Cream flowers. on logs 4.50

## LAELIA

Closely allied to Cattleyas and truly one of the best genera. Culture same as for Cattleyas but more light.

672—*Anceps (Mexico)*—Fall and Winter. One orchid that should be in every beginner's collection. Long spikes with 2-6 large lavender flowers. Of the easiest possible culture. Flowering size on logs 5.00

673—*Anceps Alba*—The white form of the above. Flowering size on logs 12.50

674—*Anceps var. Stella*—Sepals and petals white. Lip white with rose markings. Throat yellow with purple line. 3-4 bulbs 10.00



No. 667—Grammatophyllum Scriptum

675—*Amoena (Anceps x Pumila Praestans)*—Dwarf plants. Rich dark purple flowers. Fall. 4" 10.00

676—*Gouldiana (Mexico)*—Fall. Long spikes of 3-7 deep purple-colored flowers. 4" 10.00

677—*Albida (Mexico)*—Fall. 5-8 flowers on long spikes; white with rose flushed lip. Flowering size on logs 10.00

678—*Autumnalis (Mexico)*—Fall. 5-7 rose-colored flowers on long spikes. Flowering size on logs 6.50

679—*Peduncularis (Mexico)*—Dwarf. Long spikes; rose-lavender flowers of exquisite shape. Flowering size on logs 5.00

680—*Rubescens (Mexico)*—Like #679 but rose-purple in color. 4" 5.00

680A—*Anceps x Flava*—Very rich bronze-lavender to golden yellow. Winter and Spring. 4" 12.50

## LAELIOCATTLEYAS

Hybrids between Laelia and Cattleyas. Of a stronger constitution than Cattleyas and usually of more intense color. Culture as for Cattleyas.

681—*L. Crispa x LC. Yasmin Bronze var.*—Many flowers to a spike. Color hard to predict, probably great range; lavender, peach, yellow, bronze. 3" 5.00  
4" 8.50  
5" 12.50

682—*LC. Pixie (C. Guatamalensis x L. Flava)*—As the name implies, a little imp. Long spikes deep butter to lemon yellow. Winter. 4" 10.00

683—*LC. Hawaiian Sunset (C. Bicolor x LC. Calizona)*—A beautiful small Cattleya. Rich red-bronze to gold flush colors. Bright red lip. Fall. 5" 12.50

684—*LC. Biceps (L. Anceps x C. Bicolor)*—Rich red-lavender, bronze flush. Up to seven flowers on a spike. Like a giant anceps. Fall and Winter. 4" 10.00



No. 684—*Laeliocattleya Biceps*



No. 686—*Laeliocattleya Chitose Kodama*

#### LAELOCATTLEYAS (Cont'd)

**685—LC. Isotta (C. Bicolor x LC. Sargon W'Birt var.)**—A deep lavender-bronze of fine size and shape. Fall and Winter.  
4" 8.50 3" 5.00  
5" 12.50

**686—LC. Chitose Kodama (LC. Dorothy Fried x C. Jicarillo)**  
—A proven cross of fine merit. Beautiful shape. Lavender  
sepals and petals, deep purple lip. Fall and Winter.  
3" 8.50 6" 20.00

687—LC. Christine Kodama (LC. Sam Houston x C. Tityus 'W'Birt var.) — Another hybrid of fine merit. Deep rose-lavender. Fine shape and texture. Fall and Winter.  
 3" 6.00                  4" 12.50                  6" 20.00

**688—LC. Christine (C. Triumphans x LC. Canberra Stone-hurst)**—A beautiful yellow to orange with bright red lip. Summer and Fall. 1 1/2" 2.75  
2" 4.00 4" 12.50

**689—LC. Tuscan x C. Gigas**—Very heavy texture and intense dark lavender color. Fall flowering. 4" 10.00

**690—(L.C. Ettrich x Gen. Maude var. Victory) x C. Dowiana**  
**Aurea**—Expect some exceptional yellows and bronzes of  
large size with full lips. Summer and Fall. 3" 8.50  
4" 12.50

**691—LC. Britannia Alba x C. Estelle Alba**—Hard to predict. Probably pale pastel sepals and petals with dark lip; possibly some albas. 3" 6.00  
4" 10.00

692—**C. Tityus x LC. Amneris**—Another hybrid that will win blue ribbons at shows. Lavender. Winter flowering. 4" 12.50

**693—LC. Blanchette Alba x C. Hardyana Alba** — White  
sepals and petals; very dark rich purple lip. Excellent  
shape; large size.

694—C. Annie J. Lines x LC. Gitche Manito var. Splendor—  
Dark lavender. Large size. The LC. parent is a tetraploid.  
Fall and Winter. 3" 6.00  
4" 10.00 5" 12.50

695—LC. Queen Mary F.C.C.R.H.S. x LC. Mrs. Medo Node  
var.—A perfect lavender crossed to one of the best yellow  
stud. Bronze color. Fall. 4" 17.50

**696—L.C. Tartan x C. Labiatæ**—Dark lavender-purple of good size. Very free flowering. Fall. 5" 10.00

**697—LC. Lustre W'Birt var. x LC. Tuscan**—Very large dark lavender. Excellent shape. Fall and Winter. 4" 12.50

698—LC. Queen Mary var. Cumins x LC. Dorothy Fried var. *Compacta* — Two perfect exhibition lavenders as parents. Progeny should be equally good. Fall and Winter.  
1 1/2" 2.25" 2" 4.00

**699—LC. Bocono x LC. Dorothy Kodama**—Excellent shape; large, heavy-textured, lavender. Winter.  $1\frac{1}{2}''$  2.75

700—C. Enid x LC. Bocono—Similar to #699. Season later.  
11 1/2" 2.25

701-C. Thebes Bronze King x LC. Nuuanu var. Ishii—A yellow to bronze of excellent potentiality. Thebes is a proven parent while the Nuuanu is one of our best yellows. Summer and Fall.  $1\frac{1}{2}''$  2.25  
2" 2.00

702—C. Enid var. Amazon x LC. Woodstar—Exceptional size. Bright lavender color. Winter and Spring. 1½" 2.25  
2" 4.00

703—**L.C. Kaumana x S. J. Bracey**—Bright orange-yellow.  
Very vigorous. Summer and Fall. 1½" 2.25  
2" 4.00

704—LC. Edith Wilkie x LC. Canberra Stonehurst var.—  
Another of those terrific lavender-yellow combinations resulting in deep lavender-bronze. Winter. 1½" 2.25  
2" 2.00

705—LC. Nuuanu x C. Orion—Very heavy texture. Orange to bronze, red lip. Fall. 3" 8.50  
4" 12.50

706— <i>Balkis</i> var. <i>Superba</i> x LC. <i>South Esk</i> var. <i>Empress</i> —	
Two of the best exhibition type lavenders. Large, well-shaped flowers. Lavender with royal purple lip. Fall.	
2" 4.00	3" 6.00
707—LC. <i>San Jacinto</i> (LC. <i>Santa Claus</i> x C. <i>Thorout</i> )—Very free-flowering lavender. Rich purple lip. Excellent texture.	
5" 20.00	6" 25.00
708—C. <i>Ashlands</i> x LC. <i>Mysedo</i> var. <i>Miya</i> —A very dark lavender of excellent size and shape. Fall.	1½" 2.25
709—LC. <i>Mysedo</i> var. <i>Miya</i> x <i>Self</i> —A selfing of this beautiful red-bronze hybrid. Will probably segregate for yellow and bronze. Fall.	1½" 2.25
710—LC. <i>Morvith Magnifica</i> x C. <i>Gay Gordon</i> —Very dark lavender of excellent size and substance.	6" 20.00
711—LC. <i>Dulce</i> x C. <i>Trianae</i> var. <i>Coerulea</i> —Long spikes; ice blue, white, to pale lavender-blue. Winter.	4" 10.00
	5" 12.50
712—L. <i>Anceps</i> x B. <i>Digbyano</i> — A fringe-lipped <i>anceps</i> . Winter.	4" 10.00
	5" 12.50
713—(L. <i>Tenebrosa</i> x C. <i>Intermedia</i> ) x L. <i>Xanthina</i> —Deep red-bronze. Small size, many in a cluster. Fall.	2" 2.25
	3" 5.00
714—LC. <i>Cabazon</i> x C. <i>Amethystoglossa</i> — Most unusual cluster type. Medium size. Lavender, spotted darker. Spring.	
3" 8.50	4" 12.50
715—LC. <i>Virginia Ellen</i> ("Santa Claus" x Prince <i>Shimadzu</i> )—Large dark lavender. Spring.	5" 17.50
716—LC. <i>Terry Wayne</i> ( <i>Blanchette Alba</i> x <i>Tirlemont</i> )—Clear white sepals and petals. Rich velvet purple lip. Fine texture. Spring.	5" 20.00
717—C. <i>Peetersii</i> x LC. <i>Lady May</i> —A fine dark lavender. Large size. Free flowering. Fall.	5" 12.50
718—C. <i>Dupreana</i> x <i>Virginia Ellen</i> —Very dark lavender. Good size and shape. Fall.	4" 10.00
	5" 12.50
719—LC. <i>Nuuanu</i> x LC. <i>Canberra</i> —A large yellow bronze. Spring and Summer.	1½" 2.25
	2" 4.00
720—LC. <i>Sargon</i> x LC. <i>Balkis</i> —Very large flowers; lavender with dark royal purple lip. Fall and Winter.	1½" 2.25
721—C. <i>Gigas</i> x LC. <i>Edith Wilkie</i> — Great vigor. Large lavender flowers freely produced in Spring.	3" 6.00
722—C. <i>Tityus</i> x LC. <i>Tuscan</i> —Very dark lavender of exceptional texture. Winter flowering.	4" 10.00
723—LC. <i>Tuscan</i> x LC. <i>Balkis</i> var. <i>Superba</i> —Fine exhibition lavender of good size. Winter flowering.	4" 12.50
724—LC. <i>Ravenswood</i> x LC. <i>Ishtar</i> var. <i>Westonbirt</i> F.C.C.R.H.S.—Very large, richly colored lavender of exhibition quality. Free flowering.	1½" 2.25
	2" 4.00
725—LC. <i>Princess Margaret</i> var. <i>Prince F.C.C.R.H.S.</i> x C. <i>Hesperus</i> var. <i>Kodama</i> —Exceptional shape. Dark lavender. Winter flowering.	1½" 2.25
	2" 4.00
726—C. <i>Tityus</i> x LC. <i>Bodian</i> —Lavender; very large; rich color. Winter flowering.	1½" 2.25
	2" 4.00
727—LC. <i>Aphrodite</i> x LC. <i>Princess Margaret</i> var. <i>Prince F.C.C.R.H.S.</i> — Exceptional shape and color. Rich, dark lavender. Winter flowering.	1½" 2.25
	2" 4.00
728—LC. <i>Bodian</i> x Dorothy <i>Kodama</i> —Large flower. Light sepals and petals. Rich purple lip. Winter.	1½" 2.25
	2" 4.00
729—LC. <i>Ludgate</i> x LC. <i>Balkis</i> var. <i>Superba</i> —Exhibition quality. Lavender with dark lip. Fall and Winter.	1½" 2.25
	2" 4.00
730—C. <i>Edward Mathews</i> x LC. <i>Tuscan</i> —Fine shape. Very dark lavender color. Fall flowering.	1½" 2.25
	2" 4.00

No. 688—*Laeliocattleya Christine*

731—LC. <i>Balkis</i> fine var. x C. <i>Edward Mathews</i> — Light sepals and petals. Rich purple lip. Fall and Winter.	
1½" 2.25	2" 4.00
732—LC. <i>Dorothy Kodama</i> x LC. <i>Lustre</i> var. <i>Westonbirt</i> —	
Exhibition quality of exceptional size. Lavender with very dark lip. Fall.	
	1½" 2.25
	2" 4.00
733—C. <i>Pavlova</i> x L. <i>Anceps Alba</i> — Long spikes. Pure white <i>anceps</i> -like flowers but much larger. Winter.	
	4" 10.00
734—LC. <i>Palmira</i> (St. <i>Gothard</i> x C. <i>President Wilson</i> )—Large size lavender. Good cut flower. Fall and Winter.	
	5" 17.50
735— <i>Aphrodite</i> (C. <i>Mendelii</i> x L. <i>Purpurata</i> )—Large size; rich color; very free flowering. Lavender. Spring and Summer.	
	5" 17.50
736— <i>Tuscan</i> ( <i>Canberra</i> x <i>Orion</i> )—Very dark, heavy-textured lavender of excellent shape.	
	5" 22.50
737—Mem. J. K. <i>Butler</i> ( <i>Canberra</i> x <i>Luminosa Aurea</i> )—Rich yellow with a fine red lip. Summer.	
	4" 37.50
	5" 42.50
738— <i>Kahili Kea</i> (C. Mrs. R. <i>Stone</i> x L. <i>Anceps Alba</i> )—Pure white <i>anceps</i> -type on long stems but twice the size. Very fine. Winter.	
	5" 22.50
739—LC. S. J. <i>Bracey</i> x SLC. <i>Rainbow Hill</i> —A fine Sophro of very rich color. Yellow to red-bronze.	
	1½" 2.25
	2" 4.00
739A— <i>Emmie Livingston</i> (C. <i>Enid</i> x LC. <i>Miami</i> ) — Large lavender of excellent shape and corsage. Spring.	
	5" 25.00
740— <i>Hassalii Alba</i> (LC. <i>Britannia</i> x C. <i>Gigas</i> )—Pure white sepals and petals with rich purple lip. Spring.	
	4" 22.50
741— <i>Queen Mary Cumins</i> var. (LC. <i>Lustre</i> x C. <i>Peetersii</i> )—	
One of the finest varieties of LC Queen Mary known. A superb exhibition plant.	
	5" 37.50



No. 738—Laeliocattleya Kahili Kea

## LAELIOCATTLEYAS (Cont'd)

742—LC. Helen Wilmer-Remy Chollet x LC. Winter Belle—A very fine winter lavender of exhibition quality.  
4" 15.00 5" 22.50

743—C. Thetis var. Rivermont x LC. Windemere var. Clovely—Superb parentage; must produce fine lavender.  
4" 15.00  
5" 22.50

744—LC. Princess Margaret x C. Mossiae—A finely shaped lavender to flower in the spring.  
4" 12.50  
5" 17.50

745—LC. Britannia Alba x Self—Clear white sepals and petals, rich royal purple lip. Spring.  
5" 27.50

746—LC. Sir Walter Scott Alba x Self—A white with purple lip of very heavy production. Spring.  
5" 17.50

747—LC. Helen Wilmer x Palatine—A fine quality winter flowering lavender.  
4" 15.00  
5" 22.50

748—Helen Wilmer x Self—A self of this famous winter lavender.  
3" 10.00  
4" 15.00

748A—LC. Florida x Momus A.M.R.H.S.—Medium lavender with dark lip. Excellent shape. Fall and Winter.  
4" 12.50

## LANIUM

Dwarf miniature orchids of a similar nature to some of the miniature Epidendrums. Culture the same.

749—Berkeleyi—Fall. Tiny plants with attractive green flowers.  
3" 5.00

## LIPARIS

A genus of widely distributed orchids. They like the shaded part of the Cattleya house. Pot in osmunda or Hawaiian tree fern. Never let them go dry; of very easy culture.

750—Bis-Striata (Burma)—Stem-like pseudobulbs 6-10" high. Terminal spikes of tiny green-yellow flowers. A charming botanical.  
4" 7.50

## LOCKHARTIA

Anyone interested in botanicals should include this genus. The plants themselves are beautiful with their handsomely tailored foliage. Of very easy culture they grow best on logs in a semi-shaded part of the Cattleya house.

751—Amoena (Panama)—Tiny foliage, bright green-yellow flowers.  
Flowering size on logs 7.50

752—Acuta (Panama)—Yellow, marked with red.  
Flowering size on logs 7.50

753—Micrantha (Panama)—Exceptionally free flowering. Straw yellow.  
Flowering size on logs 6.50

754—Orstedii (Panama)—The largest of the genus; bright yellow flowers.  
Flowering size on logs 10.00

## LYCASTE

Every amateur collection should have at least one plant of these. They do not require much heat. Plenty of water during active growth. A decided rest when dormant.

755—Armomatica (Mexico)—Winter. Fragrant golden yellow flowers. Smells like cinnamon.  
4" 7.50



No. 763—Miltonia Goodale Moir

No. 758—*Lycaste Macrophylla*

756—*Candida* (Columbia)—Spring. Pale green, rose markings. 4" 7.50

757—*Deppei* (Mexico)—Large flowers. Green, spotted red with white. Winter. 4" 7.50

758—*Macrophylla* (Panama) — Winter. Olive green. Pink lip. Large flowers. 4" 7.50

759—*Powellii* (Panama) — Dwarf growing; green flowers marked brown. 4" 7.50

## MILTONIA

We grow only those that can stand warm climates. Closely allied to *Oncidium*. They are beautiful plants. Grow in 50% shade, never dry them severely. Pot in osmunda or tree fern. Cattleya house suitable.

760—*Bluntii* (Brazil)—Lavender and white flowers of good size. 4" 10.00

761—*Spectabilis* (Brazil)—Large flat flowers. White, rose flushed. Flowering size on logs 7.50

762—*Moreliana* (Brazil)—Beautiful black-purple in color. Truly a magnificent orchid. 4" 8.50

763—*Gcodale Moir* (*Flavescens* x *Clowesii*)—A fine new hybrid in shades of green-yellow and brown. 3" 6.00  
4" 10.00 5" 12.50

764—*Festiva* x *Spectabilis*—Cream to light yellow with deep purple markings. 3" 5.00  
4" 8.50 5" 10.00

765—*Spectabilis* x *Moreliana*—An improved Moreliana. 3" 6.00 4" 10.00

## ODONTOGLOSSUM

A very large genus of beautiful orchids which for the most part are considered cool house plants. There are however several species that do well in warm sections, and we offer here four of the best. Culture as for *Oncidiums*.

766—*Pulchellum* (Guatemala) — Grass-like leaves; pure white, fragrant flowers that resemble Lily of the Valley. Spring. 3½" 7.50

No. 760—*Miltonia Bluntii*

## ODONTOGLOSSUM (Cont'd)

767—*Cervantesii* (Mexico)—A dwarf species; scapes 3-5 flowered. Flowers white with chocolate-red bars. Spring. 3½" 7.50

768—*Rossii* (Mexico)—Dwarf habit; scapes 3-5 flowered; petals white, spotted dark brown. Winter. 3½" 7.50

769—*Schleiperianum* (Costa Rica) — Spikes 3-8 flowered; yellow, barred brown. Fall. 3½" 7.50

## ONCIDIUM

A group of spray orchids that can lend charm to any collection. Called the dancing ladies, they are well named. Culture is very easy. Give plenty of water when in growth, a dry resting period when dormant, 25% shade. They appreciate feeding during growth.

770—*Altissimum* (West Indies)—Easiest of all to grow. Long spikes carry hundreds of golden yellow flowers. Flowering size on logs 5.00

771—*Ampliatum* (Central America) — Large, flat bulbs. Branched spikes of bright yellow flowers. Flowering size on logs 7.50  
Flowering size on rafts 7.50

772—*Ansiferum* (Panama) — Very pretty plant. Long, branched spikes of lovely yellow and brown. Flowering size on logs 7.50

773—*Braceyanum*—Very large flowers, bright yellow. Flowering size on logs 5.00

774—*Cabagrae* (Panama)—Tremendous production of long spikes. Brown and yellow. Flowering size on logs 7.50

775—*Carthaginense* (Tropical America) — Scape 3-5 feet. Flowers creamy white, spotted purplish rose. 4" 7.50  
5" 10.00



No. 777—*Oncidium Cheiophorum*

776—*Cabagrae x Varicosum Rodgersii*—A new hybrid that should produce wonderful sprays of yellow flowers. 1½" 1.75

777—*Cheiophorum* (Panama)—A miniature of great charm. Bright yellow. On logs 7.50

778—*Confusum* (Panama)—Brown and yellow; tall upright spikes. Vigorous grower. 6" 6.50

779—*Divaricatum* (Brazil) — Leathery, grey-green foliage. Long branched spikes of bright yellow flowers. On logs 7.50

780—*Harrisonianum* (Brazil) — Miniature plant. Golden brown flowers. On logs 5.00

781—*Java (Flexuosum x Varicosum Rodgersii)* — A lovely hybrid with branched spikes of bright yellow flowers. 4" 7.50

782—*Kunawai* (*Flexuosum x Forbesii*)—Similar to #781. Slightly larger flowers. 4" 7.50

783—*Leuchochilum* (Mexico)—Long spikes of green, brown, and white flowers. On logs 7.50

784—*Luridum* (West Indies)—Scape 3-9 feet. Branched; flowers yellow-green, spotted red. 4" 7.50  
5" 10.00

785—*Ornithorynchum* (Mexico)—Dwarf plants. Lovely sprays of rose-pink flowers. 4" 7.50

786—*Panamanensis* (Panama)—Brown and yellow. Very long spikes. On logs 5.00

787—*Faye* (*Lanceanum x Maureen*)—Lovely spikes of pink-red flowers. 3" 5.00  
4" 7.50  
5" 10.00

788—*Lanceanum* (West Indies) — Yellow, shaded green, spotted brown and purple. One of the finest species. 3" 5.00  
4" 7.50  
6" 10.00

789—*Stipitatum* (Panama)—Terete foliage; heavily branched spikes. Brown and yellow. On logs 7.50

790—*Teres* (Panama)—Terete foliage. Similar to #789. On logs 7.50



No. 792—*Oncidium Triquetrum*

No. 781—*Oncidium Java*Phalaenopsis Hi-Ho  
(Parent of No. 803)

791—*Tetrapetalum* (West Indies) — Very dwarf. Chestnut brown, barred yellow with red lip. 2" 5.00  
792—*Triquetrum* (Jamaica) — Very dwarf. Rose-purple flushed white. 2" 5.00

### ORNITHOCEPHALIS

A lovely genus of miniature orchids. The plants themselves are most attractive with their stylized foliage. Grow on logs in the shaded part of the Cattleya house.

793—*Bicornis* (Panama)—Ivory sepals and petals, green lip. On logs 5.00  
794—*Inflexus* (Panama)—Similar to #793 but larger plant. On logs 5.00

### PERESTERIA

Semi-terrestrial plants. The one species we offer is by far the best in the genus. Culture: Cattleya house, in large pots of rich organic compost. Water and fertilize heavily.

795—*Elate* (Panama) — Called the Dove Orchid. Waxy white flowers on long spikes. Most unusual. 6-7" 8.50

### PHAIUS

796—*Grandifolius*—A beautiful terrestrial species. Compost same as for Cymbidiums. Plenty of heat and water, and feed regularly. Large flowers, 4" across. Golden brown, purple lip. Entire reverse of flower is silver white. 7" 8.50

### PHALAENOPSIS

Among the most beautiful of all the spray orchids. They prefer about 50% shade, and should never be allowed to go completely dry. They grow well either in pots or baskets, potted soft with osmunda or tree fern. They are heavy feeders and should be fertilized regularly with nutrient solution. They seem to respond exceptionally well to the organic fish emulsion type of fertilizer. Temperatures should be even, not less than 60 degree F. minimum, with 70% humidity. If the above conditions can be supplied they are among the easiest of all orchids to grow. They reach maturity from seedlings very rapidly.

797—*Barbara Kirch* (Jane L. Kingsbury x Monique)—One of our finest new whites. Large size; fine shape. 5" 12.50

798—*Atala* x *Grandiflora*—A large-flowered white of beautiful shape. 4" 10.00  
5" 12.50

799—*Atala* x *Jane L. Kingsbury*—Exceptional size; white, with heavy texture. 4" 10.00  
5" 12.50

800—*Venustus* x *La Canada* — A new white of excellent potential. Both parents very fine. 1½" 1.75  
2" 3.00 3" 6.00

801—*Fontainblue* x *Schilleriana* — Medium size; large, branched spikes of dark lavender-pink. 1½" 1.75  
2" 3.00 3" 6.00

802—*Monique* x *Purple Queen*—Excellent potential for a dark red-pink flower. 1½" 1.75  
2" 3.00 3" 6.00

803—*Hi Ho* x *San Marino*—Excellent large white. 1½" 1.75 2" 3.00 3" 6.00

804—*San Marino* x *Emogene Kono*—Very large size; white. 3" 6.00

805—*Doris* (*Elizabethae* x *Katherine Siegwart*)—A proven white of fine quality. 5" 12.50

806—*Katherine Siegwart* (*Amabilis* x *Gilles Gratiot*)—An old favorite. Large white. 5" 12.50

807—*Elizabethae* x *Psyche*—A large white of fine shape. 4" 10.00

808—*Pink Beauty* x *Marmoset*—A fine new pink. 1½" 1.75

809—*Chief Awa Ho* (*La Canada* x *Amabilis*)—A very fine large white. 2" 3.00

810—*Doris* x *Atala*—Large white of good shape. 2" 3.00

811—*Wilhelmina Tenny* x *Doris*—A new white; an excellent potential. 2" 3.00

812—*La Canada* x *Atala*—Excellent size; good texture; white. 2" 3.00

813—*Psyche* x *Doris*—Perfection of shape; large size; white. 2" 3.00

814—(*Rosalie* x *Marmoset*) x *Monique*—Medium pink of excellent size and shape. 2" 3.00

815—*Elizabethae* x *Elizabethae*—The best strain of this self-cross we have seen. Now in the third generation of inbred selection. 1½" 1.75

816—*Doris* x *Doris*—An inbred line selection of this famous hybrid. 1½" 1.75

The following five crosses (Nos. 817 to 821) have been made to produce those very large white flowers so valuable for cut flowers.

817—*Venustus* *Versailles* x #54— 2" 3.00  
3" 6.00



No. 834—Renanthera Brookeie Chandler

## PHALAENOPSIS (Cont'd)

818—San Marino x San Marino—	1½"	1.75
2" 3.00	3"	6.00
819—#46 x Gilles Gratiot—	1½"	1.75
	2"	3.00
820—San Marino x #188—	1½"	1.75
821—Venustus-Atala x Gilles Gratiot—	1½"	1.75
	2"	3.00
822—Intermedia Portei x Schilleriana—A small pink with a dark red lip.	1½"	1.75
	2"	3.00
823—Elizabethae var. Woodlawn x La Canada—A fine large exhibition white. The Elizabethae parent is superb.	1½"	1.75
824—Venustus x Elizabethae var. Woodlawn — Equal to #823.	1½"	1.75
825—Rosea (Philippines)—The lovely little dwarf with pink flowers and red lip. Constantly in flower.	4"	7.50
826—Luddeleaniana (Philippines) — Very heavy texture. Pink, barred brown.	4"	10.00
827—Esmeralda (Burma)—A dwarf pink to dark purple. A distinct novelty.	2"	5.00
	3"	7.50

## PHOLIDOTA

Allied to Coelogyne and requiring similar culture. A curious genus with its long terminal racemes of flowers that resemble a rattlesnake's rattle. Hence the name Rattlesnake Orchid.

828—Imbricata (Asia)—Stout pseudobulbs with dark green leaves. White flowers in perfect rattlesnake formation.

5" 7.50

## PLATYCLINNIS

Plants of graceful habit that should be in every collection. They will grow well along with Cattleyas. Plenty of water when growing, a decided rest thereafter. Aptly called the chain orchid.

829—Cobbianum (Philippines)—Fall. Yellow with red lip. Long chain spikes.

3" 7.50

830—Filiformis (Philippines)—Spring. Deep golden chartreuse. Often referred to as the golden chain orchid. A very dwarf growing plant.

4" 10.00

## RENANTHERA

A beautiful, brilliant and showy genus closely allied to Vandals. Culture as for Vanda but with as much light as possible.

831—Coccinea (Burma)—Large branched spikes. Brick red. Flowering size 10.00

832—Storiei (Philippines)—Large plant. Huge spikes of deep blood red. Flowering size 17.50

833—Monachica (Philippines) — Dwarf plant. Orange with red spots. Flowering size 17.50

834—Brookie Chandler (Storiei x Monachica)—Bright fire red with orange spots. Semi-dwarf plant. An exceptional hybrid.

1½" 1.75

835—Alex Hawkes—(Coccinea x Storiei) — Brick red to orange red. Large flower. Semi dwarf.

6" 20.00

836—Monachica x Imschootiana—Should produce a lovely new dwarf of scarlet red color. Very fine.

1½" 1.75

## RODRIGUEZIA

Dwarf growing Epiphytes from Tropical America. They grow best on logs in about 50% shade in the Cattleya section.

837—Secunda (Trinidad)—Rose pink to dark red. A very attractive species.

Flowering size logs 10.00

## SCHOMBURGKIA

Allied to Laelia, culture the same. Give plenty of light. Do not disturb by potting more often than necessary.

838—Luddeleaniana (Central America)—Deep bronze-brown; beautifully curled and waved. Long spikes of 12-15 flowers.

6" 10.00

839—Lyonsii (Jamaica)—Spikes 3-4 feet; white, spotted purple; lip white and yellow.

6" 12.50

840—Lyonsii Alba—Very rare. The white form of the above.

6" 22.50

841—Tibicinis (Honduras)—Spikes 3-5 feet; flowers are reddish or purplish brown. Stems hollow.

4" 10.00

5" 12.50

842—L. Superbiens x S. Undulata — Chocolate brown to lavender-bronze.

3" 7.50

4" 10.00

843—C. R. Prowe x S. Luddeleaniana — A pure white Cattleya crossed to the lovely Luddeleaniana. Probably yellow to golden brown.

4" 10.00

5" 12.50

844—Luddeleaniana x BC. Leemannae—Dark bronze-yellow to orange. Large lip.

4" 10.00

5" 12.50

## SOBRALIA

Very fine terrestrial orchids allied to Cattleyas which the flowers resemble. The flowers last one day but they flower frequently during the year. Pot in ½ soil, ½ old osmunda. Water and fertilize regularly. They should never get dry.

845—Leucoxantha (Panama)—Beautiful, large pure white flowers. Wonderful for the garden.

8" 15.00

## SELENEPEDIUM

The tropical American counterpart of the Asian Cypripedium. Culture the same as for Cypripediums.

846—Grande (Central America)—Long petals that resemble Dr. Fu Manchu. Golden brown.

6" 17.50

847—Longifolium (Panama)—Yellow green with rose. 3-5 flowered.

4" 10.00

848—Schroderae (Caudatum x Sedenii)—Long stems. Lovely rose pink.

6" 17.50

## SPATHOGLOTTIS

Terrestrial orchids of great beauty. They make excellent pot plants. Large plicated leaves with heads of flowers on long stems. Culture as for Sobralias with the addition of lime to the compost. Full sun to 25% shade.

849— <i>Elmeri x Plicata Alba</i>	Lovely rose, golden bronze.	4"	3.50
850— <i>Primrose</i>	Deep magenta-purple with cream white tips to the petals.	4"	7.50
851— <i>Queen of Queens</i>	Dark purple with gold tips to petals and bronze flush.	4"	7.50
852— <i>Purple Prince</i>	Dark royal purple.	4"	7.50
853— <i>Primson</i>	Golden yellow with red-bronze flush.	4"	10.00
854— <i>Plicata Alba</i>	Pure white.	5"	5.00

## STANHOPEA

The flowers of this remarkable genus are large and very showy, of wax-like substance. They are often very fragrant. The plants grow best on logs as the flower spikes grow out from the bottom of the bulbs. Never plant them in a pot. When in growth they require abundant watering, drier when dormant.

855—*Bucephalis* (Central America) — Tawny yellow to orange, with crimson purple spots. On logs 5.00

856—*Wardii* (Guatemala) — Golden yellow, spotted red purple. Very fragrant. On logs 7.50

## STAUROPSIS

Closely allied to Vandas. Culture the same.

857—*Fasciata* (Burma) — Heavy-textured flowers on short spikes. Deep tan with light bars, bearing a cross-shaped lip. 6" 15.00

858—V. *Dearei* x *S. Fasciata*—A new hybrid with lovely clear yellow flowers. Staurospis shape. 7" 17.50  
8" 20.00



No. 850—*Spathoglottis* Primrose



No. 859—*Cygnoches Chlorochilon*

## SWAN ORCHIDS (CYNOCHESES)

Most unusual Epiphytes that derive their name from the long slender arched column that resembles a swan. Grow with *Cattleyas* but keep very dry when dormant. Give plenty of light.

859—**Chlorochilon (Colombia)**—Beautiful large green flowers up to 6" across. A fine corsage flower. 4" 10.00  
5" 12.50

860—**Eggertonianum (Mexico)**—Flowers green suffused with brown and purple. Long pendulant spikes. 4" 10.00

## TRICHOPELLIA

Very pretty plants. They like light and should be shaded only during summer. Pot in osmunda. When growing, give plenty of water; less when dormant.

861—*Suavis (Panama)* — Large fragrant flowers. White, spotted pale rose. 5" 7.50

862—**Unidentified Species**—Green sepals and petals, white lip, orange and red in throat. 4" 7.50

## TRICHOGLOTTIS

A very striking genus from the Philippines. Allied to Vanda. Culture the same.

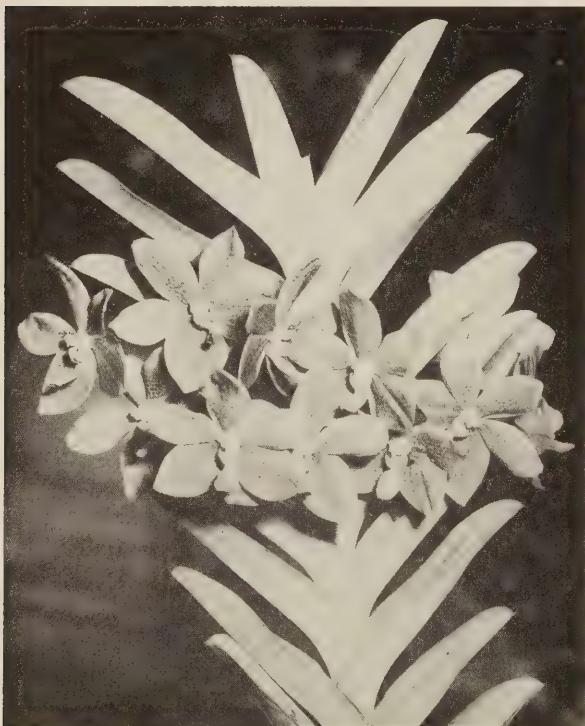
863— <i>Philippinense</i> —Tan yellow, white lip.	On logs	7.50
	8-12" cuttings	5.00
864— <i>Philippinense</i> var. <i>Braciata</i> —Black-purple. Very fine.	Flowering size—Cuttings	12.50

No. 864—*Trichoglottis Philippinense* var. *Braciata*

### TRICHOVANDA

Hybrids between Vanda and Trichoglottis. They are quite rare and make lovely exhibition plants of rich color.

865—*Ulaula* (*T. Braciata* x *V. Sanderiana*)—Beautiful brick red flowers of heavy texture. 1½" 3.00  
2" 4.00 3" 6.50

No. 865—*Trichovanda Ulaula*

### TRIGONIDIUM

A curious genus that looks much like Masdevallia except that it will grow and flower well in a warm climate. Culture as for Oncidioms.

866—*Semani* (Central America)—Single. Tan flowers with violet-blue lip on long stem. Many flowers per plant.

On logs 5.00

### VANDA SPECIES

A truly handsome genus distributed throughout the Pacific and Asia. In habit they resemble Aerides. Culture the same as for Aerides.

867—*Merrillii* (Philippines)—Deep Chinese lacquer red flowers. Very fragrant. 6" 15.00

868—*Roeblingiana* (Philippines)—Red-brown, striped yellow. Curious three-lobed, fimbriated lip. 6" 15.00

869—*Suavis* (Java)—Flowers white, spotted purple; lip, rose-purple; fragrant. 7" 15.00

870—*Sumatrana* (Sumatra)—Deep red brown; very heavy-textured flower. 7" 25.00

871—*Tricolor* (Java)—Similar to *Suavis*. Flowers yellow to cream. Spotted red-brown; magenta-purple lip. Fragrant. 7" 15.00

872—*Luzonica* (Luzon) — White, flushed magenta-purple; purple lip. 7" 15.00

873—*Spatulata* (Ceylon) — Bright canary yellow flowers. Small, but round as a dollar. 6" 12.50

874—*Tesselata* (Ceylon) — Dwarf plants. Heavy-textured flowers of pink brown. 7" 15.00

875—*Teres* (India)—Terete growth. Spring flowering. Grow inside in pots during winter. After danger of frost is over, grow outside in full morning sun. Water freely at all times. Fertilize regularly.

12-18" stem each 2.00  
Per dozen 15.00

876—*Teres* var. *Andersonii*—Brilliant color. 12-18" stems ea. 4.50

877—*Teres* var. *Gigantea*— 12-18" stems ea. 4.50

878—*Teres* var. *Grandiflora*—Beautiful shape. 12-18" stems ea. 4.50

879—*Teres* var. *Candida*—Pure white. 12-18" stems ea. 12.50

No. 875—*Vanda Teres*



No. 908—Vanda Venus



No. 912—Vanda Waipuna

## VANDA HYBRIDS

Among the most beautiful of all Orchids. They belong in every collection. Reports we have from our customers indicate they produce more flowers per year than any other genus.

**Culture:** Strap-leaf Vandas are of easy culture, including the temperate-zone glasshouses. They are not to be confused with some of the old species that were very large plants and flowered infrequently. The new hybrids are compact and flower almost continuously. Temperatures should be from 58 degrees F at night to 80 degrees F during the day. Higher day temperatures will not harm them if humidity is maintained. They require as much light as you can give them without foliage burn. Obviously, such light intensity will vary from region to region.

They are heavy feeders and should be fertilized regularly. Any good complete nutrient solution recommended for orchids will do. They like light, buoyant air but should have at least 60-70% humidity. Potting can be done in either pots or slatted baskets. Use osmunda of hard-fibre type in pieces the size of an orange, or

chunks of tree fern. Interspace with equal-sized pieces of charcoal. Do not pot hard. They must have complete drainage. They want to be watered frequently but to dry quickly. Obviously, hard potting is not conducive to this.

In tropical regions where the temperature does not fall below 50 degrees F, these plants make excellent garden subjects. Give full morning sun, 50% shade in the afternoon. Fertilize frequently and water daily. Pot as described for temperate regions.

Soft rot or crown rot is sometimes a problem. This is easily controlled by the use of Manzate, one tablespoon per gallon of water, applied thoroughly once a week over the entire plant. For leaf spots use Dowicide A spray.

All of our plants are grown hard. Their vigor is unsurpassed. All are ready to shift to the next size pot when shipped. Vandas benefit by oversizing, therefore be liberal in selecting the pot size.

If you haven't tried a Vanda hybrid, do so now! They are sure to give you much pleasure.



No. 880—Vanda Fair Queen

## GROUP I—Vanda Hybrids

This group consists of quality hybrids of proven merit. They can be purchased with complete confidence of the result to be obtained. Our stock is of the highest possible quality. For both the amateur and the commercial nurseryman these plants offer the best buy for your money.

880—Fair Queen (Clara S. Fisher x Rothschildiana)—Quite variable as to color and shape. The best are hard to beat. Blue to pink and mauve. 1½" 1.50  
2" 3.00 4" 10.00 5" 12.50

881—Manila (Luzonica x Sanderiana) — A good standard pink. Very free flowering. 1½" 1.50  
2" 3.00 3" 6.00 4" 10.00  
5" 12.50 6" 17.50 7" 20.00

882—Cherub (Puna x Sanderiana)—So named because it is round and pink. Very good. 4" 10.00

883—Joan Swearingen (Luzonica x Rothschildiana)—Variable; pink, blue; large size. 4" 10.00  
5" 12.50 6" 17.50 7" 20.00

884—Waikiki (Boschii x Sanderiana)—Fine shape. A combination of pink and red with cream white background. 2" 3.00 3" 6.00 4" 10.00  
5" 12.50 6" 17.50 7" 20.00

885—Tatzeri (Tricolor x Sanderiana)—Large flowers; rose-brown. Very free flowering. 2" 3.00  
3" 6.00 4" 10.00 5" 12.50

886—Honolulu (Frank Scudder x Honolulu)—Variable, but some exceptionally fine things. Wide range of colors. 1½" 1.50 2" 3.00 3" 6.00 4" 10.00  
5" 12.50 6" 17.50 7" 20.00

887—Mary Foster (Merrillii x Sanderiana)—One of the best; round, flat flowers; red to golden brown. 5" 12.50  
6" 17.50 7" 20.00

888—Alice Fukunaga (Mem. T. Iwasaki x Sanderiana)—Very heavy texture; yellow to buff-brown. 2" 3.00  
3" 6.00 4" 10.00 5" 12.50  
6" 17.50 7-8" 20.00

889—Gertrude Miyamoto (Mem. C. Tanaka x Sanderiana)—Deep yellow to tan; fine shape and heavy texture. 3" 6.00 4" 10.00 5" 12.50  
6" 17.50 7" 20.00

890—Walter Dillingham (Emily Notley x Rothschildiana)—A variable hybrid, large flowers. Wide range of colors. 3" 6.00 4" 10.00 5" 12.50  
6" 17.50 7" 20.00

891—Bill Sutton (Manila x Sanderiana)—Very fine. Deep pink, much like Sanderiana. 1½" 1.50  
2" 3.00 3" 6.00 4" 10.00  
5" 12.50 6" 17.50 7" 20.00

892—Walter Fujikami (Manila x Coerulea)—Deep purple-blue with heavy veining. 3" 6.00  
4" 10.00 5" 12.50 6" 17.50 7" 20.00

893—Ohuohu (Sanderiana x Clara S. Fisher)—Much like the species Sanderiana but flowers continually. 1½" 1.50  
2" 3.00 3" 6.00 4" 10.00  
5" 12.50 6" 17.50 7-8" 20.00

894—Sandamo (Sanderiana x Amoena)—A fine blue; good shape and quality. 1½" 1.50  
2" 3.00 3" 6.00 4" 10.00 5" 12.50

895—Rothschildiana (Coerulea x Sanderiana)—An old-timer but next to impossible to beat. Large flat blue to purple-blue flowers. 1½" 1.50  
2" 3.00 3" 6.00 4" 10.00  
5" 12.50 6" 17.50 Selected flowering 30.00-40.00

896—Rothschildiana x Rothschildiana—The first batch of these we raised produced some beautiful pink forms. 1½" 1.50



No. 885—Vanda Tatzeri



No. 891—Vanda Bill Sutton



No. 886—Vanda Honolulu

897—Ellen Noa (*Dearei* x *Sanderiana*)—Large, round flowers; buff to cream and yellow.  
4" 10.00  
5" 12.50 6" 17.50 7-8" 20.00

898—Clara Shipman Fisher (*Tatzeri* x *Sanderiana*)—Much like *Sanderiana*. Exceptional flowering.  
1½" 1.50  
2" 3.00 3" 6.00 4" 10.00 5" 12.50

899—Afterglow (*Insignis* x *Sanderiana*)—Red-brown; heavy texture; round, flat shape.  
1½" 1.50  
2" 3.00 3" 6.00 4" 10.00 5" 12.50

900—Laukapu (*Burgeffii* x *Sanderiana*)—A *Sanderiana* type of large size and good shape. Pink to rose-brown.  
4" 10.00  
5" 12.50 6" 17.50 7" 20.00

901—Ernest Fujinaga (*Carline Robinson* x *Sanderiana*)—Exceptional production. Very wide range of color.  
1½" 1.50 2" 3.00 3" 6.00 4" 10.00  
4" 10.00 5" 12.50 6" 17.50 7" 20.00  
Selected flowering 25.00-40.00

902—Chimy Walker (*Flammerole* x *Sanderiana*)—Pink to blue. Large size.  
1½" 1.50  
2" 3.00 3" 6.00 4" 10.00  
5" 12.50 6" 17.50 7-8" 20.00

903—Carol Hirano (*Gilbert Triboulet* x *Sanderiana*)—Blue to pink. Fine shape and size.  
4" 10.00  
5" 12.50 6" 17.50 7-8" 20.00

904—Onomea (*Rothschildiana* x *Sanderiana*)—One of the best; mauve to blue. Excellent shape.  
1½" 1.50  
2" 3.00 3" 6.00 4" 10.00  
5" 12.50 6" 17.50 6" 17.50

905—Kilohana (*Manila* x *Rothschildiana*)—Blue to deep pink. Very fine.  
1½" 1.50  
2" 3.00 3" 6.00 4" 10.00  
5" 12.50 6" 17.50 7-8" 20.00



No. 901—Vanda Ernest Fujinaga

## GROUP I—VANDA HYBRIDS (Cont'd)

906—Helen Paoa (Emily Notley x Sanderiana)—Brown to tan yellow. Good size and shape. 3" 6.00  
4" 10.00 5" 12.50 6" 17.50

907—Henrietta Ho (Sanderiana x Sumatrana)—Large, flat flowers. Yellow-brown to buff-red. Fine shape. 3" 6.00  
4" 10.00 Flowering size 25.00

908—Venus (Paki x Sanderiana)—Very pretty small plant. Green brown; red lip. Good shape. 3" 6.00  
4" 10.00

909—Eisenhower (Ellen Noa x Sanderiana)—Deep yellow to gold brown. Excellent shape and texture. 2" 3.00 3" 6.00 4" 10.00  
5" 12.50 6" 17.50 7-8" 20.00

910—Lynn Ota (Sanderiana x Henrietta Ho)—Heavily spotted, tan, brown to pink. 1 1/2" 1.50  
2" 3.00 1 1/2" 1.50  
3" 6.00 3" 6.00

911—Jennie Hashimoto (Sanderiana x Onomea)—Sanderiana type of very deep color. Rose-mauve to red-pink. 1 1/2" 1.50  
2" 3.00 2" 3.00 3" 6.00  
4" 10.00 5" 12.50 6" 17.50

912—Waipuna (Ellen Noa x Rothschildiana)—Excellent shape; heavy texture. White with various-colored markings. 2" 3.00 3" 6.00 4" 10.00  
5" 12.50 6" 17.50

913—Merle Kawamoto (Charlana x Sanderiana)—Pink and blue forms. Good shape. 3" 6.00  
4" 10.00 5" 12.50

914—Zudzee (Burgeffii x Manila)—Large, pink. Good shape and texture. 4" 10.00  
5" 12.50

## GROUP II—Vanda Hybrids

We have put together here crosses that involve a back cross of Sanderiana to already outstanding Sanderiana hybrids. These will be the prize winning exhibition plants of tomorrow.

915—Honolulu x Sanderiana—Red to pink and salmon. Beautiful shape. 1 1/2" 1.50  
2" 3.00 3" 6.00 4" 10.00 5" 12.50



No. 893—Vanda Ohuohu



No. 897—Vanda Ellen Noa

916—Jane Shimamoto (Mary Foster x Sanderiana)—Deep red-rose to red-brown.	1 1/2"	1.50
2" 3.00	3" 6.00	4" 10.00
5" 12.50	6" 17.50	7-8" 20.00
917—Sanderiana x Ohuohu—Very similar to Sanderiana but no fixed season with multiple flowering annually. Superior to the species.	1 1/2"	1.50
2" 3.00	3" 6.00	4" 10.00
5" 12.50	6" 17.50	7-8" 20.00
918—Walter Dillingham x Sanderiana—Variable as to color. Excellent shape.	1 1/2"	1.50
	2"	3.00
919—Sanderiana x Joan Swearingen—Mostly pink; some blue. Excellent shape.	1 1/2"	1.50
2" 3.00		4" 10.00
920—Ivah Mae x Sanderiana—Very dark colors, purple to bronze. Large size.	3"	6.00
921—Sanderiana x Rose Davis—Fine large blue, much like Rothschildiana.	1 1/2"	1.50
922—Sanderiana x Halbingeri—Red-brown to tan; heavily spotted.	2"	3.00
	3"	6.00
923—Sanderiana x Charlesworthii—Blue to mauve and pink. Large size.	2"	3.00
	3"	6.00
924—Fair Queen x Sanderiana—Pink to rose to blue. Very large.	1 1/2"	1.50
	2"	3.00
925—Admiral Radford x Sanderiana—Large red-brown. Excellent shape.	2"	3.00
3" 6.00		4" 10.00

926—Trisher x Sanderiana—Deep red to red-brown. Free flowering.	1 1/2"	1.50
	2"	3.00
927—Carol Hirano x Sanderiana—Pink to mauve. Large; excellent shape.	1 1/2"	1.50
	2"	3.00
928—Betsy Sumner x Sanderiana—Perfection of shape. Pink with much Sanderiana influence.	1 1/2"	1.50
	2"	3.00
929—Iolani x Sanderiana — Large red-brown of intense color.	1 1/2"	1.50

### GROUP III—Vanda Hybrids

Crosses that contain hybrids with Sanderiana blood in them on each side of the parentage. These will be more variable and offer a great range in color and types. The best will be hard to beat. Needless to say, they aren't easy to predict as to color.

930—Jamie Leong (Ellen Noa x Clara S. Fisher)—Large; fine shape. Green-brown to pink-brown.	3"	5.00
4" 8.50	5" 12.50	6" 15.00
		7-8" 17.50
931—Honolulu x Rothschildiana—A terrific potential. Blue, red, and pink.	1 1/2"	1.25
	2"	2.50
932—Mary Foster x Ellen Noa — Primarily red, yellow, bronze. Excellent size and shape.	2"	2.50
3" 5.00	4" 8.50	5" 12.50
		6" 15.00
933—Abbie Ho Chang (Mary Foster x Rothschildiana)—Deep purple-red to fuschia. Fine shape.	1 1/2"	1.25
2" 2.50	3" 5.00	4" 8.50
934—Tatzeri x Ellen Noa—Green-brown with rose flush.	1 1/2" 1.25	2" 2.50
		3" 5.00



No. 911—Vanda Jennie Hashimoto

## GROUP III—VANDA HYBRIDS (Cont'd)

935—Clara S. Fisher x Henrietta Ho	Deep red-brown with dark spotting.	4" 8.50 5" 12.50	6" 15.00 7-8" 17.50
936—Pink Head (Tatzeri x Rothschildiana)	A cross very similar to Fair Queen. Majority have large pink flowers.	4" 8.50 2" 2.50 3" 5.00	5" 12.50 6" 15.00
937—Ellen Noa x Manila	Fine shape, large size. Salmon, apricot and buff.	3" 5.00 4" 8.50 5" 12.50	6" 15.00 7-8" 17.50
938—Ellen Noa x Henrietta Ho	Similar to above cross but darker.	1½" 1.25 2" 2.50	3" 5.00
939—Oahuohu x Rothschildiana	Many fine deep red and purple-red colors. Excellent size and shape.	1½" 1.25 2" 2.50 3" 5.00	4" 8.50 5" 12.50
940—Rothschildiana x Onomea	Line breeding for Rothschildiana types of superior color and shape.	1½" 1.25 2" 2.50	3" 5.00
941—Manila x Oahuohu	Sanderiana type of deep pink.	1½" 1.25 2" 2.50	3" 5.00 4" 8.50
942—Ellen Noa x Joan Swearingen	Salmon, apricot, blue, and pink. Good size.	1½" 1.25 2" 2.50	3" 5.00
943—Ellen Noa x Honolulu	Cream, buff, salmon, apricot. Good shape.	1½" 1.25 2" 2.50	3" 5.00
944—Clara S. Fisher x Oahuohu	Sanderiana line breeding to produce Sanderiana types of heavy production.	2" 2.50 3" 5.00	4" 8.50 5" 12.50
945—Yolanda (Manila x Clara S. Fisher)	Pink to rose-brown, heavily spotted. Large size, good shape.	2" 2.50 3" 5.00	4" 8.50 5" 12.50
946—Manila x Admiral Radford	Made to produce a deep red-pink. Has fine possibilities.	4" 8.50 5" 12.50	6" 15.00
947—Burgeffii x Admiral Radford	Red-pink. Very heavy texture. Good shape.	2" 2.50 3" 5.00	
948—Oahuohu x Sam Shearman	Sanderiana types in green-browns.	5" 12.50 6" 15.00	
949—Burtat (Tatzeri x Burgeffii)	Very variable, but some lovely things have appeared. Yellow to brown with red spotting.	5" 12.50 6" 15.00	7-8" 17.50
950—Annie S. Bishop x Rothschildiana	A large dark blue. Fine shape.	2" 2.50 3" 5.00	
951—Admiral Radford x Oahuohu	Deep red-brown, heavily spotted.	2" 2.50 3" 5.00	
952—Walter Dillingham x Joan Swearingen	Deep purple-blue to mauve-lavender.	1½" 1.25 2" 2.50	
953—Ivah Mae x Oahuohu	Very dark color; yellow with deep purple spotting.	1½" 1.25	
954—Walter Dillingham x Oahuohu	Purple to dark pink and mauve.	1½" 1.25	
955—Ivah Mae x Walter Dillingham	Very dark purple-blue.	1½" 1.25	
956—Mary Foster x Joan Swearingen	Deep pink to mauve.	1½" 1.25	
957—Helen Paoa x Rothschildiana	Very unusual colors, cream flushed purple-blue.	2" 2.50	1½" 1.25

958—Clara S. Fisher x Mary Foster — Sanderiana type, deeper color. Free flowering.

4" 8.50

5" 12.50

959—Walter Dillingham x Rothschildiana—A purple-blue to grey-blue. Good size.

1½" 1.25

960—Mary Foster x Honolulu—Red to red-pink. Large size.

1½" 1.25

2" 2.50

961—Tatzeri x Manila—Large dark pink, heavily spotted.

4" 8.50

5" 12.50

962—Iolani x Rothschildiana—Very dark mauve to red-pink.

1½" 1.25

963—Burgeffii x Ellen Noa—Cream yellow with brown spots.

7" 17.50

964—Ellen Noa x Halbingerii—Cream, flushed pink; heavily spotted.

3" 5.00

5" 12.50

965—Admiral Radford x Henrietta Ho—Deep red-pink to red-brown.

1½" 1.25

## GROUP IV—Vanda Hybrids

New primary Sanderiana combinations. These will produce fine things that once proven will go into Group I. They are a very safe buy.

966—Kapoho x Sanderiana—Yellows, browns. Medium size.

1½" 1.50

2" 3.00

4" 10.00

5" 12.50

6" 17.50

7" 20.00

967—Ilma Anderson (Lester McCoy x Sanderiana)—Blue, pink. Large size and fine shape.

2" 3.00

3" 6.00

968—Lynn Sugiyama (Sanderiana x Piihonua)—Very much like Sanderiana; dark colors.

7" 20.00

969—Sanderiana x Tatror—Unusual tones of grey-blue and mauve.

5" 12.50

6" 17.50

7-8" 20.00

970—Sanderiana x Roxburghii — A primary hybrid that should have been made a long time ago. Greys predominate.

2" 3.00

3" 6.00

4" 10.00

971—Annie S. Bishop x Sanderiana—A new blue that should equal Rothschildiana.

2" 3.00

3" 6.00

972—Evanita Midkiff x Sanderiana—A very fine large pink. Excellent potential.

1½" 1.50

## GROUP V—Vanda Hybrids

Crosses involving a Sanderiana hybrid on one side of the parentage. Most of these crosses contain a hybrid as the other parent. Shapes and colors will be variable, but the great freedom of flowering make them excellent plants for both cut flowers and the amateur. They are also priced right.

973—Carousel (Prince Charles x Clara S. Fisher)—Exceptionally free flowering. Pink to dark purple and in between shades.

3" 5.00

4" 8.50

5" 12.50

6" 15.00

974—Sumatrana x Ellen Noa—Deep yellow to brown and mahogany.

3½" 6.00

975—Anna Mae Sakaki (Puna x Ellen Noa)—White to cream. Nice shape.

3" 5.00

7-8" 17.50

976—Tricolor x Henrietta Ho — Deep red-brown; heavy texture.

3½" 6.00

977—Caroline Robinson x Rothschildiana—Beautiful grey blues. Heavy texture.

3" 5.00

4" 8.50

978—Sumarei x Ellen Noa—Fine yellow to golden brown.

3" 5.00

979— <i>Suavis x Ellen Noa</i>	— White to cream; purple spots. Free flowering.	3" 5.00 6" 15.00
980— <i>Ellen Noa x Insignis</i>	— Red-brown to deep orange-yellow. 3" 5.00	2" 2.50 4" 8.50 6" 15.00
981— <i>Luzonica x Mary Foster</i>	— Tan to red-brown and red-pink. 2" 2.50	1½" 1.25 3" 5.00 4" 8.50
982— <i>Emily Notley x Henrietta Ho</i>	— Deep orange-yellow. 3" 5.00	
983— <i>Clara S. Fisher x Sumatrana</i>	— Heavy texture; pink-brown. 3" 5.00	3½" 6.00
984— <i>Caroline Robinson x Clara S. Fisher</i>	— Unusual colors; grey overtones on pinks. 3" 5.00	
985— <i>Mary Foster x Dearei</i>	— Yellow-brown to red. Heavy texture. 3" 5.00	
986— <i>Dearei x Manila</i>	— Yellow with pink spotting. 5" 12.50	6" 15.00
987— <i>Profusion (Suavis x Rothschildiana)</i>	— Terrific production of long spikes. Every color in the rainbow. A fine amateur hybrid. 4" 8.50	3" 5.00 5" 12.50 6" 15.00
988— <i>Donald Camp (Luzonica x Manila)</i>	— White with dark magenta-pink spotting. 5" 12.50	4" 8.50 6" 15.00
989— <i>Pacifica (Flammerole x Rothschildiana)</i>	— A fine long-spiked blue. Some pinks. 4" 8.50	3" 5.00 5" 12.50
990— <i>Kon-Tiki (Suavis x Tatzeri)</i>	— Very similar to Profusion. Equally free flowering. 4" 8.50	3" 5.00 5" 12.50 6" 15.00 7" 17.50
991— <i>Alex Kamahale (Amoena x Rothschildiana)</i>	— A lovely blue of clear color. 4" 8.50	3" 5.00 5" 12.50
992— <i>Jean Fukuda (Merrillii x Manila)</i>	— Deep red to red-pink. 3" 5.00	4" 8.50 5" 12.50 6" 15.00 7" 17.50
993— <i>Beverly Ann Onouye (Manila x Flammerole)</i>	— Dark pink to blue. Good size. 3" 5.00	4" 8.50 5" 12.50
994— <i>Ellen Noa x Luzonica</i>	— White to cream with pink spotting. 3" 5.00	4" 8.50 5" 12.50 6" 15.00
995— <i>Nancy Gross (Manila x Mem. C. Tanaka)</i>	— Salmon, apricot; unusual shades. 3" 5.00	4" 8.50 5" 12.50
996— <i>Ann Vaughan (Gilbert Triboulet x Ellen Noa)</i>	— Yellow to blue flush; spotted blue. 4" 8.50	3" 5.00 5" 12.50
997— <i>Iwalani (Ellen Noa x Coerulea)</i>	— Large silver blue. Good shape. 4" 8.50	5" 12.50 6" 15.00 7" 17.50
998— <i>Emily Notley x Tatzeri</i>	— Medium size, red-brown. 1½" 1.25	2" 2.50
999— <i>Insignis x Manila</i>	— Deep red-pink. 1½" 1.25	2" 2.50
1000— <i>Rose Davis (Rothschildiana x Coerulea)</i>	— A very large blue. A much improved type of V. Coerulea. 3" 5.00	2" 2.50
1001— <i>Mary Foster x Insignis</i>	— Very dark red-brown. Heavy texture. 1½" 1.25	
1002— <i>Fair Queen x Insignis</i>	— Pink to red-pink; very dark. 1½" 1.25	
1003— <i>Walter Dillingham x Purpurea</i>	— Very dark red-purple. 1½" 1.25	
1004— <i>Merrillii x Walter Dillingham</i>	— Deep blood red. Medium size. 1½" 1.25	



No. 987—Vanda Profusion

1005— <i>Trinoa (Tricolor x Ellen Noa)</i>	— Yellow-red, brown spotting. 6" 15.00
1006— <i>Ellen Noa x Roeblingiana</i>	— Yellow to brown; large fimbriated lip. 3" 5.00 4" 8.50 5" 12.50
1007— <i>Flammerole x Honolulu Noa's var.</i>	— Deep pink to blue. Large flower. 2" 2.50 1½" 1.25 3" 5.00
1008— <i>Rothschildiana x Insignis</i>	— Very dark red-pink. 2" 2.50
1009— <i>Frank Scudder x Manila</i>	— Pink to blue; very free flowering. 5" 12.50 6" 15.00 7" 17.50
1010— <i>Mary Foster x Coerulea var. Empherian</i>	— Very dark blue to red-purple. 3" 5.00 4" 8.50
1011— <i>Gilbert Triboulet x Clara S. Fisher</i>	— Very similar to Profusion. Pink to blue. 4" 3.50 5" 12.50
1012— <i>Mem. T. Iwasaki x Tatzeri</i>	— Very free flowering. Yellow-brown base, heavily spotted red-brown. 2" 2.50 3" 5.00
1013— <i>Concolor x Tatzeri</i>	— Very heavy texture. Dark red-brown. 4" 8.50 5" 12.50
1014— <i>Mem. T. Iwasaki x Ellen Noa</i>	— Very dark yellow, spotted red. 3" 5.00
1015— <i>Emily Notley x Clara S. Fisher</i>	— Brown to orange, flushed pink. 4" 3.50
1016— <i>Honolulu x Insignis</i>	— Dark red-pink; heavy texture. 2" 2.50 4" 8.50
1017— <i>Manila x Caroline Robinson</i>	— Salmon pink to apricot. 2" 2.50
1018— <i>Ivah Mae x Purpurea</i>	— Very dark red-purple. Medium size. 1½" 1.25
1019— <i>Ivah Mae x Ellen Noa</i>	— Deep yellow; dark purple spotting. 4" 8.50
1020— <i>Satsuma (Ellen Noa x Frank Scudder)</i>	— Salmon yellow to apricot. 3" 5.00 4" 8.50 5" 12.50

## GROUP V—VANDA HYBRIDS (Cont'd)

1021— <i>Ellen Noa x Lester McCoy</i>	—Yellow to salmon; heavy texture.
	4" 8.50
	5" 12.50
1022— <i>Lester McCoy x Rothschildiana</i>	—A fine large dark blue.
	3" 5.00
	5" 12.50
1023— <i>Ellen Noa x Roxburghii</i>	—Yellow base, spotted grey-green.
	3" 5.00
	5" 12.50
4" 8.50	
1024— <i>Lester McCoy x Honolulu</i>	—Blue to pink and mauve.
1 1/2" 1.25	2" 2.50
	3" 5.00
1025— <i>Mem. T. Iwasaki x Rothschildiana</i>	—Blue to pink and apricot.
	4" 8.50
	5" 12.50
1026— <i>Emily Notley x Ohuohu</i>	—Very dark pink. Heavily spotted.
	4" 8.50
1027— <i>Roxburghii x Admiral Radford</i>	—Very heavy texture. Dark brown.
	2" 2.50
	3" 5.00
1028— <i>Emily Notley x Ellen Noa A.M.H.O.S.</i>	—Deep orange-yellow. Heavy texture.
	2" 2.50
	3" 5.00
1029— <i>Purpurea x Manila</i>	—Very dark red-pink. 1 1/2" 1.25
	2" 2.50

## GROUP VI—Vanda Hybrids

These hybrids are being developed to produce exceedingly free flowering plants of easy culture. They make excellent pot plants, should be used to great advantage in outdoor landscaping in tropical regions, and best of all they flower almost continually. Flowers are smaller than the Sanderiana hybrids but much superior to the average species.

1030— <i>Mem. T. Iwasaki x Denisoniana</i>	Deep green var.—
A good chartreuse green Vanda is a rarity indeed. We look for this cross to change that condition.	4" 6.50
	5" 10.00
1031— <i>Ann Maxine Bowman (Emily Notley x Merrillii)</i>	—Exceptional production. Red-brown color.
5" 10.00	6" 12.50
	7" 15.00
1032— <i>Trimeril (Tricolor x Merrillii)</i>	—Constantly in flower. Chinese lacquer red; fragrant.
4" 6.50	5" 10.00
	6" 12.50
	Flowering 12.50
1033— <i>Suavis x Flammerole</i>	—Pale blue to pink with darker spotting.
5" 10.00	6" 12.50
	7" 15.00
1034— <i>Suavis x Merrillii</i>	—A Suavis with red instead of purple spots.
	3" 4.00
	4" 6.50
1035— <i>Emily Notley x Sumatrana</i>	—Deepest red-brown and copper tones.
	3 1/2" 5.00
1036— <i>Mem. T. Iwasaki x Emily Notley</i>	—Yellow, heavily spotted red to purple.
	4" 6.50
1037— <i>Caroline Robinson x Sumatrana</i>	—Very dark colors; brown-reds; unusual shades.
	3" 4.00
	4" 6.50
1038— <i>Emily Notley x Dearei</i>	—Deep yellow-brown, red markings.
	6" 12.50
1039— <i>Gilbert Triboulet (Tricolor var. Planelabris x Coerulea var. Empherian)</i>	—The most free-flowering blue ever produced. A remake from the two finest parents obtainable.
2" 2.50	3" 4.00
	4" 6.50
	5" 10.00
1040— <i>Mem. G. Tanaka x Merrillii</i>	—Very similar to V. Trimeril. Perhaps deeper color.
	3" 4.00
	4" 6.50
1041— <i>Lester McCoy x Liliha</i>	—A very free-flowering blue of good size.
2" 2.50	
	2" 2.50
	3" 4.00
1042— <i>Kapoho x Sumatrana</i>	—Deep red-brown. Long spikes.
2" 2.50	
	4" 6.50
1043— <i>Emily Notley (Mem. T. Iwasaki x Roxburghii)</i>	—A very free-flowering orange-yellow. Good parent.
	3" 4.00

## GROUP VII—Vanda Hybrids

These crosses contain what we in the Islands call V. Batemanii. This is more correctly known botanically as Vandopsis Lissochiloides. The hybrids are characterized by large plants with heavy foliage, very long flower spikes, exceptional texture of the flowers. They are among the most spectacular display plants known. The generic name for this group is Opsisanda.

1044— <i>Batemanii x Tatzeri</i>	—Large flowers, heavily spotted on red-brown base.
	3" 6.00
4" 10.00	5" 12.50
	6" 17.50
	7" 20.00
1045— <i>Batemanii x Ellen Noa</i>	—Yellow, flushed rose-purple on reverse side of flower. Most attractive.
	8" 20.00
	10" 25.00
1046— <i>Emily Notley x Batemanii</i>	—Large yellow-brown flowers.
	1 1/2" 1.50
2" 3.00	3" 6.00
	4" 10.00
1047— <i>Batemanii x Clara S. Fisher</i>	—Large flowers; deep brown, red spotted.
	1 1/2" 1.50
	2" 3.00
1048— <i>Deane Yoshida (Paki x Batemanii)</i>	—A lovely new hybrid. Deep yellow with dark purple on reverse side; occasionally marked and spotted deep purple. Plants flower when quite small.
	8" 20.00
1049— <i>Suavis x Batemanii</i>	—White to cream background. Deep purple spotting.
	7" 20.00
1050— <i>Batemanii x Lena Rowold</i>	—Deep red to bronze with gold flush.
	1 1/2" 1.50
	2" 3.00
1051— <i>Kapoho x Batemanii</i>	—Very dark yellow with red spotting.
	5" 12.50
1052— <i>Batemanii x Renanthera Monachica</i>	—A new cross of fine promise due to its dwarf habit. Orange to yellow, spotted dark purple.
	3" 6.00
4" 10.00	5" 12.50
1053— <i>Batemanii</i>	—The species itself. A fine collector's item. Long spikes; heavy texture; yellow, red, purple. Needs lots of room as the plants are very large.
	3" 6.00
10" 20.00	Keikis 20.00
1054— <i>Caroline Robinson x Batemanii</i>	—Lovely grey-blue over orange, heavily spotted. Most unusual.
	4" 10.00
1055— <i>Batemanii x Mary Foster</i>	—Dark red-brown over orange.
	1 1/2" 1.50



*Opsisanda Kimo Cardus*  
(Typical of the V. Batemanii Crosses Nos. 1044-1055)



No. 1077—*Vanda Sanderiana*



No. 1063—Renantanda Jack Warne

### GROUP VIII—Vanda Hybrids

Feature parent is *Vandopsis Gigantea*, a very rare and spectacular Orchid. Flowers will be similar to the *V. Batemanii* hybrids but of a more compact growth habit.

1056—*Ellen Noa* x *V. Gigantea*—Deep yellow, marked purple.  
2" 3.00 1½" 1.50  
3" 6.00

1057—*Sanderiana* x *V. Gigantea*—Purple and red with darker spotting.  
2" 3.00 1½" 1.50  
3" 6.00

1058—*Rothschildiana* x *V. Gigantea*—Deep purple-red to magenta.  
1½" 1.50 2" 3.00

1059—*Ren. Storiei* x *V. Gigantea*—Deep blood red.  
1½" 1.50 2" 3.00

1060—*Manila* x *V. Gigantea*—Deep pink with purple spots.  
1½" 1.50

#### GROUP IX—Vanda Hybrids

Hybrids involving crosses between *Renanthera* and *Vanda*. These have giant sprays of flowers. *Renanthera*-like in shape but much larger. They have heavy texture and are long lasting, beautiful subjects.

1061— <i>pink Shell (Herziana x Ren. Monachica)</i>	—A lovely shell-pink flower. Dwarf habit.			6"	20.00
1062— <i>Tatzeri x Ren. Storiei</i>	—Very similar to the popular Ren. Jack Warne.			3"	6.00
4" 10.00		5" 12.50		6"	22.50
1063— <i>Jack Warne (Ren. Storiei x Sanderiana)</i>	—Truly one of the finest hybrids in existence. Large salmon red flowers. Enormous sprays.			1 1/2"	2.50
2" 5.00				3"	7.50
1064— <i>Flammerole x Ren. Storiei</i>	—Rich fuschia purple to red.				
5" 12.50				6"	17.50
1065— <i>Mem. C. Tanaka x Ren. Storiei</i>	—Deep blood red.				
5" 12.50				6"	17.50
1066— <i>Emily Notley x Ren. Storiei</i>	—Deep red to orange-red.				
3" 6.00	4" 10.00	5" 12.50	6" 17.50	7-8"	20.00
1067— <i>Carreene Ishii (Manila x Ren. Storiei)</i>	—A deep rich red of large size.			3"	6.00
4" 10.00		5" 12.50	6" 17.50	7"	20.00

1068— <i>Violet (Amoena x Ren. Storiei)</i>	—Lovely violet-purple to mahogany red.			
	2" 3.00			
3" 6.00	4" 10.00	5" 12.50	12" 25.00	
1069— <i>Lena Rowold (Ren. Storiei x V. Batemanii)</i>	—Giant sprays of intense blood red flowers. Heavy texture, long lasting.			
			1 1/2"	1.50
2" 3.00	3" 6.00		4"	10.00
5" 12.50	6" 17.50		7-8"	20.00
1070— <i>Donald McIntyre (Ren. Storiei x Clara S. Fisher)</i>	—Deep red flowers, large branched spikes.			
			4"	10.00
			5"	12.50
1071— <i>Ren. Storiei x Dearei</i>	—Large size brick red to salmon.			
			2"	3.00
1072— <i>Judy Dean (Suavis x Ren. Storiei)</i>	— Red-orange flowers. Very free flowering.			
			2"	3.00
3" 6.00			4"	10.00
1073— <i>Ren. Storiei x Coerulea</i>	—Deep purple red. Very fine.			
			5"	12.50
1074— <i>Ren. Storiei x Limbata</i>	—Salmon to brick red. Very large spikes.			
			7"	20.00
1075— <i>Ren. Golden Dawn x Ellen Nea</i>	— Large yellow flowers. Very fine.			
			2"	3.00
			3"	6.00
1076— <i>Liliha x Ren. Imschootiana</i>	—Very dark red. Dwarf plant			
			1 1/2"	1.50

#### GROUP X—Vgndg Species from Seed

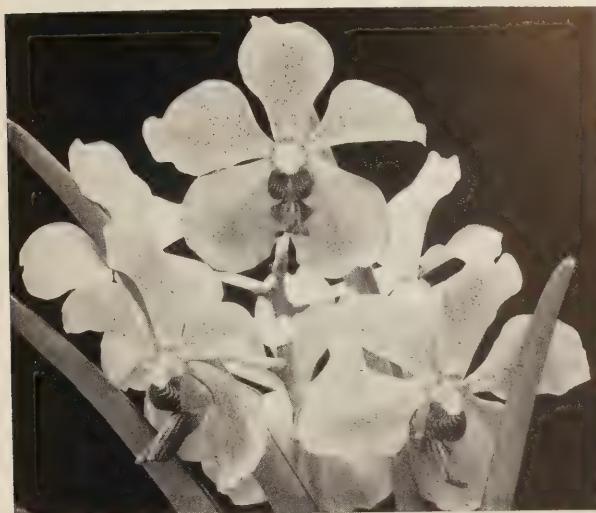
We list here two fine species raised from selected strains from seed. Of the *V. Sanderiana* we cannot say enough. No better types can be found anywhere in the world. Ours are now in the third generation of selections from seed. If you were to import plants from the jungle, not one in one hundred would measure up to the average of this stock.

1077— <i>Sanderiana</i>	—The most famous species of them all. This stock can't be beat.				
2"	4.00	3"	7.50	1 1/2"	3.00
5"	20.00	6"	25.00	4"	12.50
				7-8"	27.50
1078— <i>Sumatrana</i>	—A rare species of deep red-brown. Selected flowering 40.00-75.00				
2"	2.50	3"	5.00	4"	10.00

## GROUP XI—Vanda Hybrids

This group features back breeding of Semi-Terete Vandas to the strap leaf group. They flower well on dwarf plants and do equally well under glass or outside culture. Flowers are large and of very heavy texture. They are among the best of the new Vanda hybrids.

<b>1079—Nellie Morley (Emma Van Deventer x Sanderiana)</b>	—The most famous Vanda Hybrid raised to date. Very large, dark pink flowers of marvelous shape and texture. Has won more F.C.C. and A.M. certificates than any hybrid we have heard of.					
2"	6.00	Selected flowering 70.00 up				
<b>1080—Irma Bryan (Madam Dinger x Rothschildiana)</b>	—Dark pink with darker spotting.					
4"	10.00	5" 10.00				
<b>1081—Nora Potter x Mem. C. Tanaka</b>	—Very heavy texture; yellow to beige.					
4"	10.00	3" 6.00				
<b>1082—Nora Potter x Ellen Noa</b>	—Fine shape. Pink flush over beige.					
4"	10.00	5" 12.50				
		6" 15.00				
<b>1083—Leilani (Nora Potter x Sanderiana)</b>	—Quite variable. Pink to blue to cherry red. Some very fine things.					
1 1/2"	1.50	2"	3.00	5"	12.50	
				6"	15.00	
				7-8"	20.00	
<b>1084—Colorful var. Perfection x Sanderiana</b>	—Dark cherry pink. Very heavy texture.					
		1 1/2" 1.50				
		2" 3.00				



No. 1079—Vanda Nellie Morley

## GROUP XII—Semi-Terete Vandas

Hybrids between terete and strap leaf types. They are among the most beautiful hybrids. Flowers are very large and of heavy texture. They require maximum light to flower freely. They are not a good subject if you have long, dark winters. They make beautiful garden subjects in warm tropical regions where orchids can be grown out of doors.

1085—**Andre Millar** (*Kobber Kane* x *Agnes Joaquim*)—Lovely yellow to salmon pink. Heavy texture. 4" 7.50  
5" 10.00

1086—**Emily Notley** x *Teres Andersonii*—Rose-pink, very dark with gold throat. 3" 5.00  
4" 7.50

1087—**Pinkcloud** (*Manila* x *Teres*)—Very large pastel pink. Lovely shape. 3" 5.00  
4" 7.50 5" 15.00 6" 20.00

1088—**Merv. L. Velthius** (*Sanderiana* x *Agnes Joaquim*)—One of the finest; large flat pastel pink with dark red lip. 12" top cuttings 7.50 18" top cuttings 10.00 24" top cuttings 15.00

1089—**Tomas Filipe Camacho** (*Flammerole* x *Teres*)—Pale pastel blue to bluish white. Very large. 4" 7.50 5" 15.00 6" 20.00

1090—**Princess Beatrix** (*Coerulea* x *Agnes Joaquim*)—Deep lavender blue. Very fine. 8-12" top cuttings 10.00

1091—**Ren. Storiei** x *V. Teres*—Deep red to orange-red. 8-12" top cuttings 7.50

1092—**Princess Elizabeth** (*Hookeriana* x *Sanderiana*)—One of the best; large lavender-pink flowers. 12-18" top cuttings 10.00

1093—**Maurice Restrepo** (*Teres* x *Sanderiana*)—Exceptionally large; beautiful shape; pale pastel pink to near white, dark lip. 2" 3.00 12-18" top cuttings 15.00

1094—**Ellen Noa** x *Hookeriana*—Very free flowering pink with darker spots. 12-18" top cuttings 7.50

1095—**Mauna Kea** (*Mem. C. Tanaka* x *Teres Alba*)—Pale cream to white. Lovely large flower. 12-18" top cuttings 15.00

1096—**Herziana** x *La Paloma*—Dark lavender to purple-pink. 3" 5.00 4" 7.50

1097—**Thelma Beaumont** (*Concolor* x *Agnes Joaquim*)—Apricot to copper salmon, yellow lip. 12-18" top cuttings 10.00

1098—**Dorothy Warne** (*Suavis* x *Hookeriana*)—Pastel pink with red-lavender spots. 12-18" top cuttings 7.50

1099—**Rainbow** (*Cooperii* x *Sanderiana*)—Large, flat flowers. Pastel pink, dark red lip. 12-18" top cuttings 12.50

1100—**Nora Potter** x *Teres*—This cross has a tremendous potential and could well develop into the best semi-terete ever produced. Lavender. 1 1/2" 1.50

1101—**Ellen Noa** x *Teres Aurora*—Cream to white. Large size. 12-18" top cuttings 12.50

1102—**Mars** (*Gilbert Triboulet* x *Teres*)—Very dark pink-lavender. Most attractive. 12-18" top cuttings 15.00

1103—**Emma Van Deventer** (*Tricolor* x *Teres Andersonii*)—Pink with very dark spotting. Most attractive. 6" 15.00

## GROUP XIII—Terete Vanda

These are strictly tropical plants. They must have full sunlight and outside conditions to flower well. They are not suitable to culture under glass.

1104—**Agnes Joaquim** (*Teres* x *Hookeriana*)—The most free flowering of all. Lovely lavender-pink flowers. Excellent for cut flowers. 18" top cuttings each 1.00 6 for 5.00 12 for 8.00

1105—**Agnes Joaquim Atherton var.**—Much larger and darker in color. 18" top cuttings 4.00

1106—**Agnes Joaquim var. Hula Girl**—Very round shape. Dark purple lip, finely spotted. Large flower. 18" top cuttings 4.50

1107—**Agnes Joaquim var. Woodlawn**—The largest of them all. Rich color. 18" top cuttings ea. 5.00

1108—**Amy** (*Tricuspidata* x *Hookeriana*)—Lavender pink. Curious trilobed lip. 18" top cuttings ea. 3.00

1109—**La Paloma Alba** (*Rose Marie* x *Teres Alba*)—Very fine pure white. 18" top cuttings ea. 5.50

1110—**Andre Segovia** (*Agnes Joaquim* x *Tricuspidata*)—Lavender-rose. Trilobed lip. 18" top cuttings ea. 3.00

1111—**Cooperii** (*Joaquim* x *Hookeriana*)—Lavender with a beautiful spotted lip. 18" top cuttings ea. 1.75

1112—**Kobber Kane** (*Agnes Joaquim* x *Spatulata*)—Cream yellow to apricot. 18" top cutting ea. 5.50

1113—**Poepoe** (*Cooperii* x *Teres Gigantea*)—Very large. Perfect shape. Pastel lavender. 18" top cuttings ea. 3.00



No. 1088—Vanda Merv. L. Velthius

# HAWAIIAN ANTHURIUM HYBRIDS



No. 1117—**Anthurium Scandens**  
(Trailing Anthurium)

Excellent subject to grow along with orchids. In tropical regions they make wonderful garden plants. Flowers last an exceptionally long time as cut flowers.

**Culture:** They require 50% shade—Foliage and flowers burn in strong light. Keep moist at all times and water heavily. Humidity should never be below 70%. Temperature not less than 60 degree F., at night. Pot in any good organic compost about as you would a soil plant. Fertilize frequently. They are heavy feeders. Spray regularly with DDT to control thrips which cause white streaks in the flowers.

**1114—Andreaeum Hybrids**—These are the large flowers you see in the florists window. They make wonderful cut flowers. All sizes offered are flowering size. Colors blood red, pink, pale pink, orange, and red. **Flowering size** 2.50  
**Medium size** 5.50 **Large size** 8.00

**1115—Andreaeum** — Pure white. Quite rare and much desired. **Flowering size** 3.00  
**Medium size** 6.00 **Large size** 8.50

**1116—Anthurium Crassinervium**—A lovely foliage variety. Like the self-heading Philodendrons. Large bright green leaves. **7"** 4.50

**1117—Anthurium Scadens (Trailing Anthurium)**—A beautiful pot plant with pearly white seed pods of great charm. Will trail up a totem pole or make beautiful hanging baskets. **3"** 2.00  
**6"** 5.00

**1118—Anthurium Scherzerianum**—Dwarf plants with brilliant flowers. Flowers curiously twisted. Hence the name "Pig Tail Anthurium." Wonderful pot plants as they do not take up much room. **4-5"** 4.00

**1119—Anthurium Warocqueanum**—The finest foliage variety. Huge velvet leaves of deep green with lighter veins. A more handsome foliage plant could not be found. **5"** 5.00

**1120—Asparagus Myriocladus**—A wonderful new and very rare evergreen pot plant. Makes a wonderful green to use in the display of your plants. Cut sprays last for days out of water in a state of perfection. We have seldom seen a plant that has created such a stir among visitors who see it for the first time. Our stock is very limited and we cannot offer quantity discounts on this item. All prices quoted are Net. Plants shipped bare root.

**Small plants 7" pots** 15.00  
**Large plants 10" pots** 25.00

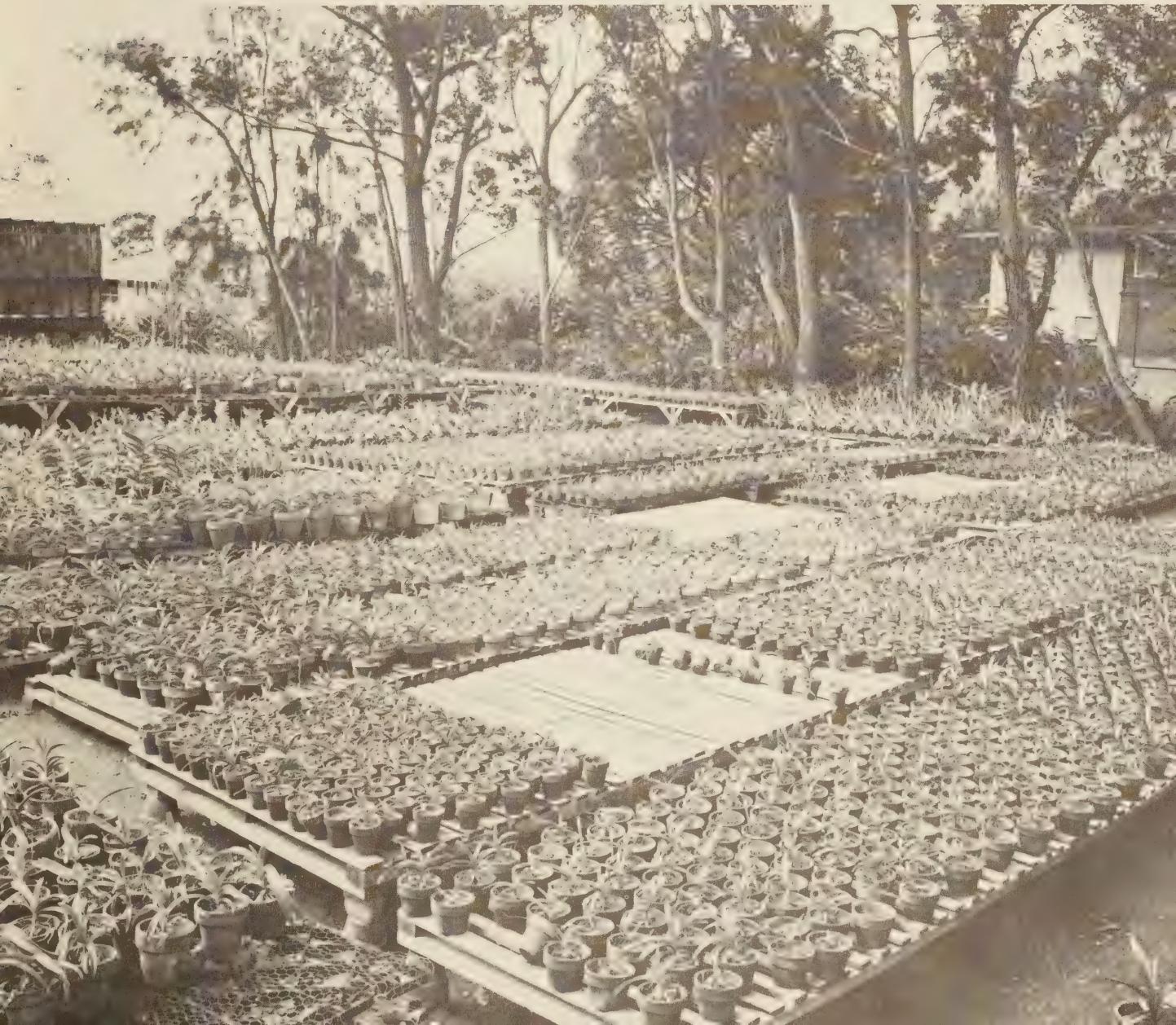


No. 1114—**Anthurium Andreaeum Hybrid**

# Our Nurseries

For you who have been unable to visit any of the extensive nurseries of the seven orchid growers who own and operate Wm. Kirch—Orchids, Ltd., our growing methods are illustrated on this and the succeeding page. A combination of glass-house culture, open slat-house culture and full open-sun culture gives you the hardy plants for which we are noted. It is our experience that this culture also results in early maturity and in early flowering of the plants.

VANDA SEEDLINGS IN OPEN SUN CULTURE



A SECTION OF ONE OF OUR SEEDLING HOUSES

## Our Nurseries

(Continued)



Community pots and  $1\frac{1}{2}$  inch seedlings are raised in glass houses. Exchange of breeding and growing data among the head growers of our seven nurseries, and interloan of superb stud plants ensures sturdy seedlings.



Cattleya and Dendrobium seedlings, as well as the Vanda seedlings illustrated over-leaf, are frequently transferred to open sun culture at an early age. Extremely hardy plants result from this type of culture.



Open slat-house culture is best adapted to the successful growth of hardy plants in certain localities and under certain conditions. Hawaii's sun and often brisk tradewinds help in our objective of producing better orchid plants for the amateur grower.

## WM. KIRCH--ORCHIDS, LTD.

## SPRING 1955 -COMMUNITY POT LIST

Community pots are the first stage of seedling growth after removal from the flask. We pot them into 3" pots and each pot contains 20-30 seedlings. They are shipped at a time when they are ready for transplanting to individual pots. Prices quoted are prepaid by airmail anywhere in the United States. To other regions we will prepay the established cost to the United States; the balance of the air freight to be collected by the carrier on arrival.

For your convenience we are listing the crosses according to genera. In the case of our Hawaiian Dendrobium and Vanda hybrids we also list the group number that gives general description information in our catalog. We refer you to this.

## CATTLEYA AND ALLIED GENERA

1. BLC. J. K. LILLY X LC. BALKIS FINE VAR. \$ 17.50  
A large exhibition type lavender flower, fine shape and color.  
Season fall and winter.

2. LC. BALKIS FINE VAR. X C. EDWARD MATHEWS 16.50  
Light sepals and petals, rich royal purple lip, large size, fine  
shape, Season late fall.

3. BC. KAMEHAMEHA X C. TRIANAE VAR. BANKHOUSE 16.50  
Very large flower, overlapping sepals and petals, lavender color.  
Season winter.

4. LC. LUDGATE X LC. BALKIS VAR. SUPERBA 16.50  
Rich color, dark lavender, excellent shape. Season late fall.

5. C. TITYUS X BLC. WAKE ISLAND VAR. THE QUEEN 17.50  
Wake Island is a proven tetraploid parent that always produces  
excellent results. Exhibition flowers of dark lavender color.  
Season winter and spring.

## HAWAIIAN DENDROBIUM HYBRIDS

(See catalog for group descriptions)

GROUP 1B (PRICE \$9.00 PER POT)

6. D. SANDERS CRIMSON X T. KODAMA-dark purple  
7. D. ALICE SPALDING X BETTY POTTER -bronze lavender  
8. D. OWEN WINE COLOR X PHALAENOPSIS -dark lavender  
9. D. GOULDII WHITE X PHAL. VAR. MAUNA KEA-white to pastel  
10. D. JOAN TANI X HAWAII NUI-dark lavender  
11. D. UKIO WHITE X PHAL. MAUNA KEA - white to pastel  
12. D. PAULINE GREEN X ALICE SPALDING -green to bronze  
13. D. AILEEN LANG X PHALAENOPSIS DARK - dark purple  
14. D. MILDRED KAZUMURA YELLOW X PHAL. MAUNA KEA -cream to bronze  
15. D. PAMELA KIRCH X TOKAI WOODLAWN - green to cream

## GROUP 2 (PRICE \$9.00 PER POT)

16. D. MAY NEAL X STRATIOTES -yellow to bronze 20. D. OWEN X STRATIOTES-lavender  
17. D. TOFTII X STRATIOTES-white to cream to bronze  
18. D. CAESAR X (NEO HAWAII X LADY CONSTANCE)-dark lavender 21. D. CAESAR-white to  
19. D. ETHEL KAWAMOTO A.M.H.O.S. X STRATIOTES-yellow to bronze pastel

## GROUP 4 (PRICE \$9.00 PER POT)

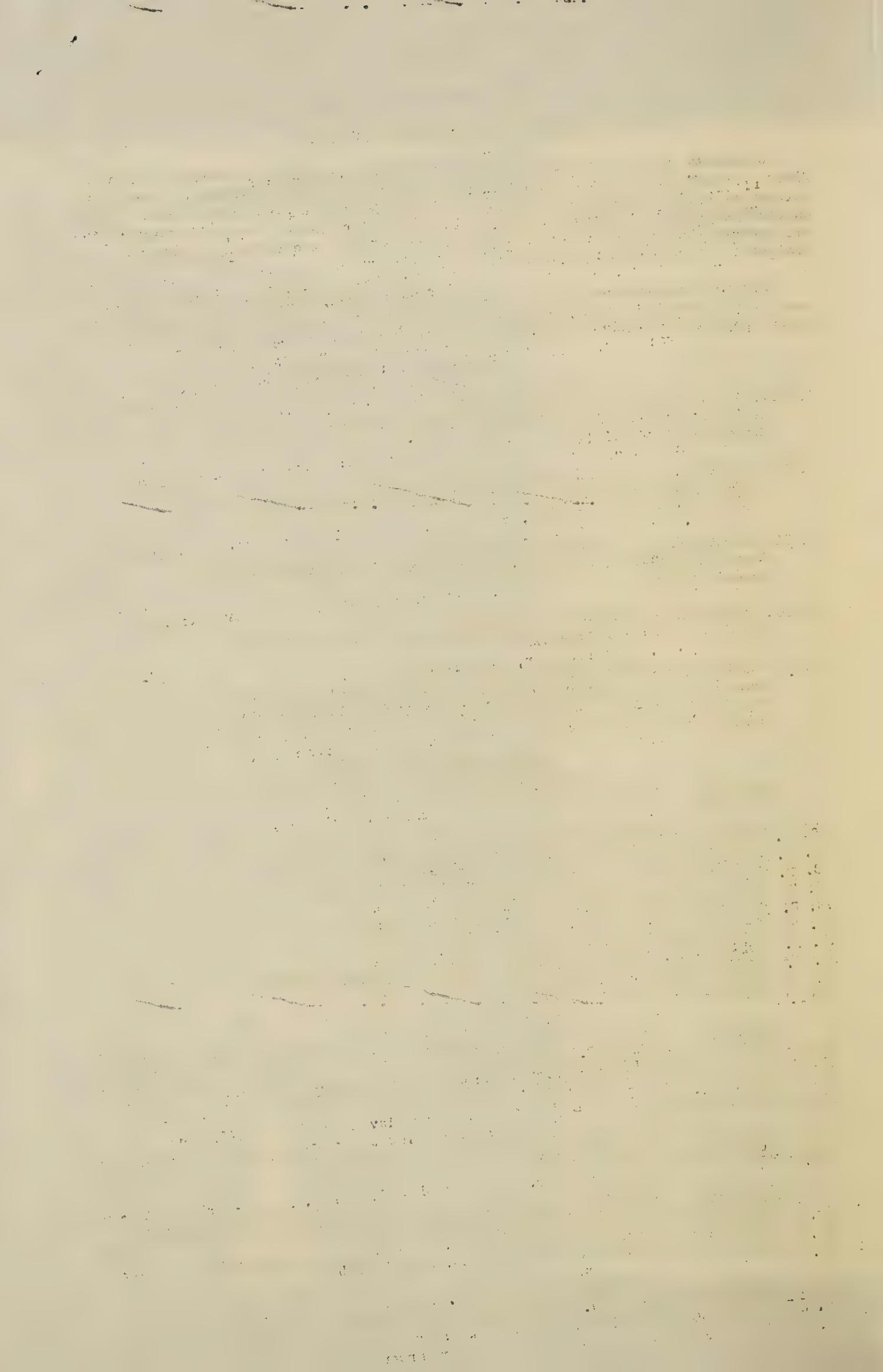
22. D. OWEN X TAURINUM -dark lavender 23. D. JOAN TANI X T. KODAMA-dark lavender

## GROUP 5A (PRICE \$9.00 PER POT)

24. D. AILEEN LANG X TAURUS-bronze yellow 27. D. URSULA X CHAMPAGNE-yellow bronze  
25. D. BEACH GIRL X UNDULATUM-bronze yellow 28. D. UNDULATUM X HELEN BROMLEY-tan  
26. D. UNDULATUM X SHIBATA-green yellow yellow  
29. D. URSULA X SALAK-brown

## GROUP 5B (PRICE \$10.00 PER POT)

30. D. UNDULATUM BROOMFIELDII X SCHULERI-dark green  
31. D. STRATOKAI X UNDULATUM BROOMFIELDII-yellow green



32. D. GOULDII X SCHULERI-yellow bronze      36. D. OWEN WINE COLOR X GOULDII-dark lavender  
 33. D. GOULDII X PSEUDO-bronze  
 34. D. GOULDII X ETHEL KAWAMOTO-A.M.H.O.S. yellow bronze      37. D. MAY NEAL X GOULDII-bronze yellow  
 35. D. OWEN X GOULDII-bronze      38. D. TOFTII X GOULDII-yellow bronze

GROUP 6B (PRICE \$9.00 PER POT)  
 39. D. OWEN X GOULDII BLUE-dark bronze      45. D. BLUE GOULDII X SELF  
 40. D. MAY NEAL X GOULDII BLUE-bronze      46. D. GRACE GOO X GOULDII BLUE-dark lavender  
 41. D. LESTER MCCOY X GOULDII BLUE-blue      47. D. ETHEL KAWAMOTO X GOULDII BLUE-bronze  
 42. (D. SHIBATA X 100TH INFANTRY) X GOULDII  
 BLUE-bronze dark      48. D. UNDULATUM X GOULDII BLUE-bronze  
 43. (D. SHIBATA X GOULDII) X GOULDII BLUE-bronze      49. D. LOUISEA X GOULDII BLUE-blue  
 44. D. BLUE HAWAII X GOULDII BLUE-dark blue      50. D. MARIETTA CHANG X GOULDII-BLUE-bronze

## GROUP 7 (PRICE \$9.00 PER POT)

51. D. MAY NEAL X TOFTII-bronze      54. D. MILDRED KAZUMURA X TOFTII-white blue  
 52. D. VERATRIFOLIUM X TOFTII-blue      55. D. HAWAII NUI X TOFTII-lavender  
 53. D. UKIO WHITE X TOFTII-white blue lip      56. D. TOFTII X JANICE TANAKA-bronze

## GROUP 8 (PRICE \$10.00 PER POT)

57. D. PAULINE X SCHULERI-bronze      64. D. MAUI DARK X SCHULERI-dark lavender  
 58. D. MAY NEAL X SCHULERI-yellow      65. D. BERNICE X MAY NEAL-yellow bronze  
 59. D. MAY NEAL X T. KODAMA-A.M.H.O.S.-dark bronze      66. D. MAY NEAL X URSULA-bronze  
 60. D. OWEN X SCHULERI-green yellow      67. D. MAY NEAL X AINA HAINA A.M.H.O.S.-bronze yellow  
 61. D. LOIS ANDERSON X SCHULERI-dark lavender  
 62. D. LOUISEA BLUE X SCHULERI-dark blue      68. D. SHIBATA X SCHULERI-deep green  
 63. D. MAY NEAL X HULA GIRL VAR. MAGENTA-red bronze      69. D. MAY NEAL X HELEN BROMLEY-yellow  
 70. D. BEACH GIRL X HELEN BROMLEY-bronze

## GROUP 9 (PRICE \$9.00 PER POT)

71. D. BEACH GIRL X JANICE TANAKA-yellow green      74. D. T. KODAMA X JANICE TANAKA-bronze lavender  
 72. (D. GOULDII X SHIBATA) X JANICE TANAKA-bronze  
 73. D. WALTER CARTER X JANICE TANAKA-cream yellow      75. D. ELOISE SHIOI X JANICE TANAKA-green yellow

## GROUP 10 (PRICE \$12.50 PER POT)

76. D. WOODLAWN - white-black spotting

## PHALAIENOPSIS (PRICE \$12.50 PER POT)

77. P. HI HO X SAN MARINO-very large white      79. P. VENUSTUS-ATALA X GILLES GRATIOT-white, heavy texture  
 78. P. DORIS X HI HO-fine shape, large white

## RENANTHERA (PRICE \$17.50 PER POT)

80. BROOKIE CHANDLER-blood red      81. MONACHICA X SELF-orange red spots

## HAWAIIAN HYBRID VANDAS

(See catalog for group descriptions)

87. D. GROUP 1 X SCHULERI-bronze  
 82. V. ROTHSCHILDIANA-very large blue - \$15.00 per pot

## GROUP 4

83. V. TRICOLOR VAR. PURPUREA X MANILA-dark pink to red- \$12.50 per pot

## GROUP 7

84. BATEMANII X LENA ROWOLD-brick red - \$12.50 per pot

## GROUP 8

85. SANDERIANA X VANDOPSIS GIGANTEA - cream yellow - \$15.00 per pot

## GROUP 9

86. JACK WARNE - DEEP RED - \$17.50 per pot

## GROUP 10 (PRICE \$12.50 PER POT)

78. D. WOODLAWN - white-black spotting

## PHALAIENOPSIS (PRICE \$12.50 PER POT)

77. P. HI HO X SAN MARINO-very large white      79. P. VENUSTUS-ATALA X GILLES GRATIOT-



## INSTRUCTIONS FOR ORDERING

**TERMS** are cash with order, no C.O.D.

**DISCOUNTS**—We offer substantial quantity discounts. Orders totaling \$249.00 or less are sold at full retail list as quoted herein. Orders for larger amounts carry discounts as follows: \$250.00 to \$499.00, discount 10 per cent; \$500.00 to \$749.00, discount 20 per cent; \$750.00 to \$999.00, discount 25 per cent; \$1000.00 and over, discount 33½ per cent. These discounts apply only to stock which we catalogue, and are not applicable to special quotations, or selected plants on special quotation.

**SHIPPING**—Plants are shipped out of pots.

Advise whether or not we may substitute size and variety in the event we are out of stock.

There is no packing charge.

**ORDERING**—List the name or the number of the plant.

No import permits are required for entry into the United States. Foreign countries, please check your requirements.

**REMEMBER**—We Guarantee Satisfaction. If anything about your shipment is unsatisfactory, PLEASE write to us. We will cheerfully correct it.

All plants are offered subject to prior sale. Wm. Kirch — Orchids, Ltd., in no way guarantees the crop produced by these plants as such conditions are beyond our control. In the event of a claim, our liability is limited to the purchase price. This list cancels all previous quotations.

**WM. KIRCH — ORCHIDS, LTD.**

732 Kapahulu Avenue — Honolulu 16, Hawaii

